

tcagaacaga tgcttgaaat atgcacttag cactttgggt ccacatctgt ctgggtaaac 600
 catgaagaaa atgaagctgc tgcctcaatc ganccagac agcagccata ggcagataaa 660
 gatttnggtt cacccttggg ggtgggaggc atcgtgtgtg cctttttttc ctctaataac 720
 aattttacag tccgggaan 739

<210> 3188
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3188
 gnnngncgtt cnaattncgn ggnntctttc tngccnanna nnannngcgt gngngaattc 60
 ggcacgagac tggttcactt aagttccact ataaacaggc tcatgactcg ggcacagaca 120
 cttcttgctg gactttttcc tatgatggta atgtccttgc ctctcgtgga ggtgacgatt 180
 cattaataatt atgggacatc cgacaattta ataaaccact tttttcagcc tcgggtcttc 240
 ccacatggtt cccaatgact gactgctgtt tcagtccaga tgataagctc atagtcaactg 300
 gtacatctat tcaaagagga tgtggcagcg gcaaacttgt tttctttgag cgtaggactt 360
 tccaaagggg gtatgaaata gacatcacag atgctgagtgt tgttcgctgc ctgtggcacc 420
 caaagctgaa ccagatcatg gttggaactg gaaatggatt ggctaaagtc tattacgacc 480
 ccaacaagag tcagagggga gcaaaattat gtgtgggtta aaccancgg aaggcaaac 540
 aagctgagac tctactcagg actacatcat caccctcat gccttgcta tgttcccggtg 600
 agccccnca acggagtaca aaggaaacag ctggagaagg acagactgga tccctgaagt 660
 cgcattaacc tgaacctcct gtancangcc cangtcgtgg tggccgattt ggaaccacg 720
 ggggcactnt tttttcct 738

<210> 3189
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3189
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 gancccntcg attcgaattc ggcacgagga aagggtggcg gcttctcacg gctgagttgc 120
 tgcgctgca gacggaagct cccacagga agagctgctt ggatgtgtga gtcataagc 180
 cagagaagcc ccgctccatg agcagtgact cccagggccc tgtgacctcc ctctgtctt 240
 gcagctcttc ctggcaccag tcccagggc tctcctgttg gtagttcctg cttttcttct 300
 tggaaattcc tcgtggacct cgagatcttt accctaaaat agttctgttg aatttcaccc 360
 tggcaatgta aattgatagc ttatcttcac agatgccaga caatggacaa ctccacctca 420
 gtcctctgct cacctgagac aaatgcatgt ctgattgctt cctctgccct attgnttatg 480
 tgaaaatgca gattcactga gccagactaa ggcacagtg actgttcttc tactgcctct 540
 cacatggaga ttgtgtattc agtgaaaggc tgatcaaaga ccccaaagga atgcaccagt 600
 ttatctctta tctacctatg acctgcgagc tgnccaccac cccagttgt tgccctttc 660
 cagacagaac cagtgtcatc ttacacgtat taattggatg tcctgngnct tccttaatat 720
 gtatcaaac aagctngcct tgaacacctt gggcacn 757

<210> 3190

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

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<400> 3190
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ttcggcacga ggcgggcccgc gccagcggaa gcccctgcgc ccgcgccatg tcaaagaaaa      120
aaaggactga gtgcagaaga aaagagaact cgcntgatgg aaatatatttc tgaaacaaaa      180
gatgtatttc anttaaaaga cttggagaag attgctccca aagagaaagg ctttactgct      240
atgtcagtaa aagaagtcct tcaaagctta gttgatgatg gtatgggtga ctgtgagagg      300
atcggaactt ctaattatta ttgggctttt ccaagtaaag ctcttcacatg aaggaaacat      360
aagttggagg ttctggaatc tcagttgtct gagggaaagtc aaaagcatgc aagcctacag      420
aaaagcattg agaaagctaa aattggccga tgttgaaacg gaagagcgac caggcttagc      480
aaaagacttt cttcacttcg agaccaaang ggaacagcta aaggcagaag tagaaaaaat      540
ncaaagactg tgatcccgca agttgtngga agaaatcgcc aagcaaatna agtagcccaa      600
ggaactgctt acagatggac tgattacata ttcgcaataa aatcttnggc ccaaagaaaa      660
attnnggggt tgaaggaaaa ttaaattggg tngaaccttt tggaatttcc cgaaagactt      720
ttgcctnct ngacttaaaa tatttccatg gnggtgaaag gttgtccaan ctt              773
  
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<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

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<400> 3191
gnangnnngn ttcntagtgc ccgtgggagt cttagatncc ctaaaaaatt gntaatgctn      60
ggtcggcacg agtcaaggcc tacgaaacag gtgatgcact accccggcta cggttccccc      120
atgcctggca gctnggccat gggcccgggc acgaacaaaa cgggcctgga cgccctgccc      180
ntggccgcag atacctccta ctaccagggg gtgtactccc ggcccattat gaactcctct      240
taagaagacg acggcttcag gcccggtcaa ctttggcacc ccggatcgag gacaagtga      300
agagcaagtg ggggtcgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa      360
atccataaca cccccacccc aacaccccca agacagcaat cttcttcacc cgcttgcaac      420
ccgttcctgc ccaaacagag ggccacacag ataccccacg ttctatataa ggaggaaacc      480
gggaaaaagaa tataaagtta aaaaaaaagc ctccggtttc cactactgng tagacttcct      540
gcttcttcaa cacctgcaga ttctgatttt tttgttgttg gttgttctct ccattgctgn      600
tggtgcangg aagtcttact taaaaaaaaa aaaattttgn gagtgactcg gtgtaaaacc      660
atgttanttt taacagaacc nanaagggtt gncctattgg ttaaaaaaaaaa aaaaaaaaaa      720
aaacttngng cctttagaac tattanngag nccnatttac nttaatccan nct              773
  
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<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3192

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ttggantctt ctcngaaacn cttngcnatt gcncntntctg naggatccca tcgattcgaa      60
ttcggcacga ggttcttcaa agccaaccaa gacaggcttn tnagtttttag agcttcagaa      120
caaattgcca aaagccagag ttgtttatgc tagtgcaact ggtgcttctg aaccacgcaa      180
catggcctat atgaaccgtc ttggcatatg gggtagagggt actccattta gagaattcag      240
tgatttttatt caagcagtag aacggagagg agttggtgcc atggaaatag ttgctatgga      300
tatgaagctt agaggaatgt acattgctcg acaactgagc ttacttgag tgaccttcaa      360
aattgaggaa gttcttcttt ctcagagcta cgttaaaatg tataacaaag ctgtcaagct      420
gtgggtcatt gccagagagc ggtttcagca agctgcagat ctgattgatg ctgagcaacg      480
aatgaagaag tccatgtggg gtcagtctctg gtctgctnac cagagggttct tcaaattcta      540
tgcatagcaa tccaaagtta aaagggtttg tgccactagc tcgagaggaa atcaangaat      600
ggaaaaatgt gttgtaattg gtctgcantc tacaaggaga agctangaac atttagaaag      660
ctttggaaag aaggccggng ggagaaattg aatgattttt ggtttcaact nccaaaagggt      720
gtgttgcnct cccttctttg aaaaaacatt ttct                                     754

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<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3193

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tgggtgccngt tcctattccg tgctntcgtn ctncnccagg ancnangcgt ntcgaattcg      60
gcacgaggaa ggaggaccta ggcacacaca tatgggtggcc acaccagga gggtagtggg      120
gagtttagatt tcagagtcca ggccttaggt tgggaccac tccaaataat ctctcgggtg      180
tggttggtgg ttctatagag ggataaatga ataataaaca ttgttaaaat atacgaaaaa      240
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa anaanaaaaa      300
aaaananaaa aatnaaaaaa annanaaaaa aaaaaaaaaa aannccccctn cncctaaaaa      360
nattcngggg ggntttttcc tccannccnn ntntttaata nnctncttnt tgnntcttng      420
nctcacnnt tcttttggtn ggcnnntaana naaaatnttn ntnttttttn ggntanaaat      480
nennntnng tttttntnn tttttttttn aaaccctcct ntntanctc ncgntncaaa      540
aaanntnttt ntecnncnn ntnnnntnt nctntttcta ttttnttct tntncaann      600
ttecnangtg nnnngngtnt nntgnggctt gttnttttt ncnncctngc gtcatccnnc      660
caataatttc ttnnnccccc nanncennat tttntntnnc ctctatntnn gnnngngnnt      720
atnantcccc tttattnttn atnantagtc ntntnttttn ttntccntng tnatannatt      780
ttntntcccn ntntaanttc ctcanntnat ttnntnnnn ncnngntata ttttangnta      840
ntcnncggg gttntct                                     856

```

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3194

gtntngnnng	nngttnnatt	atatggntcg	notnnetcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaactgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatcctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3195

cggatnncgt	nagganngat	ngtagnannc	tcgctcncct	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnnnt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggnctatct	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actggggccac	tgnetatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccccctact	600
caaatttcca	agtcctctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnaccct	cctaaaaaang	gngcaancct	ttnaatggaa	720
nnnggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3196

cggatnncgt	nagganngat	ngtagnannc	tcgctcncct	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnnnt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggnctatct	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300

tcaacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgnctatgca	360
gcaacctcat	ctttaccgtt	tcttgccctg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactgggctc	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcccctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atcngtttct	ntannnnngtc	tngttcttttc	tncacgaten	nntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgagtgca	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgtccntact	gggaggtttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgce	ttccccctgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaaaag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttggggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaggcc	540
ttctttttca	agggcttgct	tgtgaatgcc	caaccaaaaa	aaaggggccc	ccaaggccca	600
atcccttact	tctnggtcc	ccccaaaaag	ggatnccaan	ttggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnacca	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaaccenn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaac	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgctttggct	ctttccnacy	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcgccctcc	caaagtgctg	ggattaaagg	120
cgtgagccac	cgtaacctggc	ccttgggtgga	atctttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaaca	gagataattt	tacttnctcc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccctaa	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gcctttttacc	360
attgaggatg	atgttttctg	ttagttttttc	ataaatgata	tatatcaggc	tgaataaatt	420
tctattttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agccttttaa	actatagnga	gtcgnnttac	gtaaateccag	acntgataag	atncattgat	540

gagtttggca	aaccacactn	naatgcagtg	aaaaaaatgc	tttatttgng	aaatttggga	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cgggccnnng	720
gnccaaanca	ttt					733

<210> 3199

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancca	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgtnttgg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttcntgcc	ancctgtttc	nttacntnca	anagggaaag	acantccttg	gccagcctag	240
ttttnagggt	gaacgaaaag	tentntncac	tgctcctct	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360
aagtccctga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggccttnaat	420
aaactactga	atgaaggaaa	attctaccta	caccagacac	aattactggg	gtttctaaaa	480
tggaattatt	cccccgcccc	cntgcatcca	gcagcctgnt	gcagggaaac	tcctccnaaa	540
ggcttgtaag	gcaaggaanc	cgggacaatg	gcntggctat	ttaagcttnc	aacaagatgg	600
ttaccacctaa	gtncctaatt	ccctaacacc	aagggggccc	tttaccagga	aacccaaaacc	660
aggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaaccttttna	aaaacctttc	ccttttataa	ctttaccttc	aagntaaaaan	tttaagggga	780
atgggnccaa	nttttttaac	cancccaaaa	aaaaanttng	gnaatttttt	ttcccnaaat	840
tttttnaant	tccccaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3200

nagtttaann	gtatgtcttg	tcttttccaa	gatcctatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattc	cagtcacagg	aggatttaaa	aantntctca	agtgttgatg	120
ctntccaagc	ntgttggggg	ggaaggggaat	tggtgcccag	aaaatgggac	tgagtgagg	180
aatatctttt	cttttgagag	tncccccagt	taatttntnc	tgtgcttnat	tgctnctgtn	240
ctttatttgt	aatgttgtaa	catttttaaaa	atgttttgcc	ntagcttttt	aggacttggn	300
gttaaaggag	ccagtgggtc	ctctgggtgg	gtncataaat	gagttattgt	gacccacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaacca	tcttcagggg	420
gggttccttc	atgttgccac	tcttttttaa	nggacaaact	caggcaagga	gcattgtttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tgttcttggt	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaagt	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgtnta	cntagatccn	gacatgataa	gatcatgatg	agtttggaca	accncactng	720
aagcagtgaa	aaa					733

<210> 3201
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 3201
gatgccgggtt cctatgatgn gctctcggct tectaggagt tccaanactn ggctngcncg 60
aggncctnta aatatatctn ggnntttanta ggtgataagt nctgtcantt agtancatct 120
gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcctggaa aagagcagtg 180
anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tctactgggtc 240
tgccaaaaat gtggatttgt ggtctgctta gattgttnca aggcaaagga aaggaagagt 300
tctagagata aagaactata tgcttggtatg aagtgtgtga agggacagcc tcatgatcac 360
aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
atgcacactc ttagggaaaa atatggtatt aaatcccatt gncattgtct aacaaacaga 480
atttacaagt tggaaatttt cctncatgaa tgggtgtatct caagtttaca gaatgtctta 540
atcacagtat aaaattctct gngcatgcct gagtctcagc gccaaaatcc tctccgaag 600
tctgagaaaa atggtggcag cnnccccana aagtgatgtt nggcncaga ttaccaggtt 660
aacttctctc agaatnccag tcaccactgn actggntagc anactttgcc gagccaaaaa 720
gccnaagng ggaaaaaaaa aaaaaaaa 748

<210> 3202
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 3202
ggnnnnngnn ngntnncggt cctattant caggngctcg ntctntctcn annnancnng 60
gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
tgaaaccatc ataccttctg aaagaaaaaa gcatatcttc attgacataa cagaagtggag 180
atggcccagt cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
acatcttttag atggtcatgc atacctctgc ctgcccagat ctgagcatga atttacagta 300
cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttgtc agaaacaaat 360
aataaagccc caaaagataa actagttgaa aaaactggca aaatctgtat acgtggaaat 420
ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540
ttcgccctgg acaaagcaca catgtgtata cacatgggtc aagcagtgtc ggtctgtggc 600
tgntgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtggag 720
tcgtattacg tagatncna catgataa 748

<210> 3203
<211> 780
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagnn	ncccccttga	ancctntnaa	atccttttggc	aanttgcnc	60
cnctgtngga	tcccatcgat	tcgaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tgccagaaga	gaacagggcg	gactctcagg	acgaaaagag	tcaaaccctt	180
ttgggaaaat	cagaggaagt	aactggaaa	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggg	aggctggggg	300
cagtgggaag	agcgaggagc	agggaagagg	agaatgagca	tcatgggcct	tcaatgcccc	360
ctctgatagc	ccctgaggac	tctcctcact	gtgacctgtt	tccaggtgcc	tcatatctcg	420
tgactcagat	tcccgggact	cagacagagt	ccagggtgta	ggaaactgtc	cccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	catttctcta	cngggctcct	540
ttttgactga	ggagtcaact	gacaaggaaa	aacttctatc	agtactttga	tatgtcacag	600
tttcattgtt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaattt	ncaaattgtt	aagggttttt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcatc	tgctctggac	780

<210> 3204
<211> 796
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(796)
<223> n = A,T,C or G

<400> 3204

tcttttaatg	cttttttnc	gccttgtttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatggggccc	120
ggtcacgaac	aaaacggggc	tggacgcctc	gccccctggc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccgg	240
ctaactctgg	caccccggat	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacgggt	ttgcaagaga	cgcaaggagg	aagaaatcat	aacaccccc	ccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgttggt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatattaa	720
tgtaaaggnn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaannnn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgccttncg	ntccttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gcaattccac	tcctagctcc	acccacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcacccaaa	gttcacggca	gcatecttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgctcgtcaca	gnggcagcat	ccttcgcaa	agcggcagca	300
tccttcgtca	tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgaggcgt	gcatagacta	aacatggcca	gtccaggcac	tggaatccag	gccgtanaac	420
gngccccacn	gtcaaaaagga	atgagaccct	gatgcactgg	gcgacacaga	cgggcgacac	480
agacttgag	acatcatgct	aagtgtaaaag	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccgga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gaacnggggtt	gggagcgacc	ggttggttgg	ttngggtttc	tttctnnggt	660
gaaggaaatg	tttttgatat	tggggccggt	tgggtgatnt	ttgcattacc	ctttgaatat	720
gcttanaacc	cncatagaat	tgnnacactt	tttaaantngn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tgttctaata	ctaggtntac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggctcctg	tgggagtnnc	atncagcagn	ganngcattc	tttcncaca	ncagtnaacg	120
gtcttattaa	nagccaccac	tttncctgang	cctgtacagg	ccttgngngt	tngnggaaca	180
gaaatnncgc	aggcacttgt	accttcaagn	anggacttgt	gcctnactgn	nagggttggc	240
gttgaccttg	gctcnacnga	catacccant	ctgacttnna	acngcncgt	ctnagcttac	300
gctagacttg	acnnccaagn	ttgcangcct	ntntngnctt	ccctgcattn	accaatgaca	360
gtacgaccaa	cagtcaanga	aaagtggcaa	gatatatcta	tcccatttct	tctacacctg	420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggngnac	atttttagtc	480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgtgatg	540
ccaacnaaga	acgggcccga	gcccatcctt	actcctngnc	cccaaanaga	tccagtngga	600
atgggaagct	gnnannacca	acccaactnn	tgatttacca	ccaacncaa	anacacgca	660
tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcngnc	720
ctctaaaact	attnnggant	cctttanct				749

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

gnatgncccg	atttctttaa	tgatggggnn	nnnnngagcg	anncttccga	aanttccaat	60
annctggng	ntcgcaactc	netcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgctgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aataattcatt	gtncgtggaag	240
gactgaaaat	acagaactca	caccatgatc	ggccgggaca	atcagattat	ttcatccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360

gaccctgaga	gaaagaactn	tnattntttc	tcttggactg	caataaagta	tagctgccta	420
aaatacgntt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaaanaa	gnnccngnn	gaanaccac	tnnnccannn	ncnnnccnn	540
tnnccannng	nnngannnnn	tanccgnnan	naggccnnng	cnntngcnnn	nnngccnnnn	600
nnnnnnnggn	aaaccnnnnn	gnnnnncnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnngnnctnn	nnnnannnnn	ccnnnccncc	cnnnccnnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnnannnn	ccnnnnnnnn	cannnnnnnn	cnnnnnnggn	nnnnnnnnnn	780
nnnnnnnnnn	ncnnngnnnn	acnnnnngnn	nnnnccnnnn	nnnnnnncng	nnnnnnnnnn	840
nnnncccc						848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

tggnnnngnn	ccnaangcng	gggannnggt	ccccgttcca	anactggaan	ncttggcann	60
cgaactcgct	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactccccca	gctcctcctg	gcaccagtcc	ccagggtctct	cctgttggtta	gttcctgctt	180
ttcttcttgg	aaattcctcg	tgacactcga	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcacctcgg	caatgtaaat	tgatagctta	tcttcacaga	tgccagacaa	tggaactc	300
accatcagtc	ctctgctcac	ctgagacaaa	tgcatgtctg	attgcttcct	ctgccctatt	360
ggntatgtga	aaatgcagat	tactgagcc	agactaaggc	atcagtgact	ggtcctctac	420
ctgcctctca	catggagatt	gggtattcag	tgaaaggctg	atcaaagacc	caaagggaatg	480
caacagttta	tctcttatct	acctatgacc	tgcanctgc	caccaccccc	agntggngcg	540
cctttccaga	cagaaccagt	gtacatctta	cacgtattaa	atngatgtcc	cnggggctcc	600
cnaanangna	tcaaacaagc	ngggcctcga	ccaccttggg	cacatatccc	nanggacatc	660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaataa	accttctaaa	720
attggnaaaa	aanaaanaa	aaaaacctng	nncctntna	naacnntacg		770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3209

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ttctacctgc	gctactacgt	agggcacaa	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	180
gatgatcaga	aaagagctta	tgtgcacaa	agtgtaatgg	agaactgaa	gagaattatt	240
gatgacagt	aaattacaaa	agaagatgat	gctttgtggc	ctccccctgat	aggggtggcc	300
gacaggagct	tgaaattgta	attggagatg	agcacatctc	ttttaccaca	tcaaaaatag	360
gttctcttat	tgatgtaaat	caagtcaaag	gatcctgaag	gccttcgagt	attttactat	420
ttggtacaag	acttgaaaat	tttagttttc	agtcttattg	gattacactt	caagattaaa	480
ccaattttaa	ttgtatgttt	tcaagctggt	tgnatattta	attaaagggg	tggaagggg	540
ttatttgtca	tttacagtat	tggggtttta	tgaatgtgaa	gcaacccaaa	aaaatttnaa	600

tgtaaaactg gaaaatagga aaattcatta ncagcttaat gggatccctt acttgatncn	660
ctgggttttg aagtcacac acacattaaa tctgtaatga aancnctttt ggtaaaatt	720
tctctat	727

<210> 3210
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3210	
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ncgaattcgg cagcaggatt ttcgaaactc ttcagctact tgcccttttt tatctgaaac	120
catcacacct tctgaaagaa aaaagcatat cttcattgac ataacagaag tgagatggcc	180
cagtcttgat acagatggta ccatgatata tatggagagt ggcattgtga agataacatc	240
tttagatggg catgcatacc tctgcctgcc cagatctcag catgaattta cagtacattt	300
tttgtgtaaa gttagccaga agtcagactc atctgcagtg ttgcagaaca aataataaag	360
ccccaaaaga taaactagtt gaaaaaactg gcaaaatctg tatacgtgga aatttaccag	420
gacagagact gaagaataaa gaaaatgagt ttcattgcca gatcatgaaa tccaaagaaa	480
ctttaaagaa gatgagttgt gtaaattggaa ctgaaggag ggaagagctg ccttcgcctg	540
gtacaaagca cacatgtgta tacacatggg tcaagcagtg ctggctctgtg gctgcctgtc	600
cagangaatg gaaatatcct ttgncttttag cacttcattt tcataataaa atcagcaatt	660
tgtctaaaaa aaaaanana aaaaaaactc gagccctnta naactntngt gaggccnant	720
tacgttgaat ccagacntga ttat	744

<210> 3211
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3211	
gtntngnnng nngttnnatt atatggntcg nctnnctcna nnancnangc ttgngctgac	60
aacttgattg ggttctcctt caggtttgaa gcgcctcna gaagtgtcta aaggagacag	120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg	180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttgactt	240
ctcagcctcc atattcatga actaagtttt tggaatcctt aggcctccac gtgtggaaag	300
cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt	360
gaagcctccc taggccaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac	420
attcagcaca aagacaaaac agaccagacc agaagagtcc cacagaatag gggaaactat	480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tctttagacc agaagcatag	540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca	600
ttttttccct tgaaaacctg ggagccttgt attccatcct attagcagaa gatcacttct	660
accaatgggt tgggctcttg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn	720
gacttaatac ctctgcgaat tgactggatt ccn	753

<210> 3212
 <211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3212

```

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tcgttctttc tccangcagn nnnngcgtttc gcgacagctc tccaatactc aggttaatgc      120
tgaaaaatca tccaagacag ttattgcaag agtttaattt ttgaaaactg gctactgctc      180
tgtgtttaca gacgtgtgca gttgtaggca tgtagctaca ggacattttt aaggggcccag      240
gatcgttttt tcccagggca agcagaagag aaaatgttgt atatgtcttt taccgggcac      300
attccccctg cctaaatata agggctggag tctgcacggg acctattaga gtattttcca      360
caatgatgat gatttcagca gggatgacgt catcatcaca ttcagggcta ttttttcccc      420
cacaaacca agggcagggg ccactccttag ctaaatccct ccccgtagct gcaatagaac      480
cctctgggga gtcangaag ggggtgtgctg agttctataa tataagctgc catatatattt      540
gtagacaagt atggctcctc cgtatctcct cttcctagga gaggagtgtg aacaaggagc      600
ttagataaga cacccttaa acccattccc ttttcagga gacctaccct tcacaggcac      660
aggtcccaa atgagaagtc tgctacctca tttctcatct ttttactaaa ctcaaangca      720
ntgacagcag tcagggacag acattcattt cttnatatct tcc                                763

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<210> 3213

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3213

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gnagnnccgn ttcttatgat cgtggctnct cntctanngg ttgtgtaatg ctnggtcnnc      60
angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaagggtcc      120
ccatttctgc tcagcaccgc acctctctac cccccacag acacacatgc agacacacac      180
atgcagacaa cacgcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca      240
cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca      300
cgcattgcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac      360
atacacacac tggcccctgt ttttctgtgg tgtcactggg tgccagcaac tcggtatctn      420
ccaccttcca ctaaaacctg ggccttaatt tctctcccgt cccacccct aaattcctga      480
tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtance tatgggcccga      540
gcagggtccag ggcccacgtt ttaatttctt tttnaaaagc tttaggtctt ggcngggccg      600
ccggtgggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttg      660
attcacaaaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg      720
aaccctgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt      780
gggcaagggc acccttggtg gggccccaa antttacct                                819

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<210> 3214

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (819)

<223> n = A,T,C or G

<400> 3214

gnagnncggn	ttcttatgat	cgtggctnct	cntctanngg	ttgtgtaatg	ctnggtcnnc	60
angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaagggtcc	120
ccattcctgc	tcagcaccgc	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgacacacaca	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcacgcagg	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tggcccctgt	ttttctgtgg	tgctactggg	tgccagcaac	tcggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctcccgt	ccccaccct	aaattcctga	480
tggatgaacc	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatgggcccc	540
gcaggtccag	ggcccacgtt	ttaattttct	tttnaaaagc	tttaggtctt	ggcngggccg	600
ccggtggttc	acgccttggg	agttcccagc	attttttngg	aaggccnaag	ggcgggttgg	660
attcacaag	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aaccctgggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggt	780
gggcaagggc	acccttggtg	gggtcccca	antttacct			819

<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (844)

<223> n = A,T,C or G

<400> 3215

nggnntttnn	nnnnnatncc	ntgategtgt	ntcgttcttt	ctncaggatn	nnntcgtttc	60
gaattcggca	cgaggaaaag	ggagccgcgc	agngcctacg	ggagtnccgc	ggcagcagcc	120
ggtaccggca	accacgggca	gctctcagg	aatctccgtc	ggtgaggcca	naggctccag	180
ttcccgcgag	tccagatgcc	tgtccagcct	ccaagcaaa	acacagaaga	gatggaagca	240
gaggggtgatt	ctgctgctga	gatgaatggg	gaggaggaag	agagtgagga	ggagcgganc	300
ggcagccaga	cagagtcaga	agaggagagc	tccgagatgg	atgatgagga	ctatgagcga	360
cgccgcancn	agtgtttcag	tnagatgctg	gacctggaga	agcagttctc	ggaagctaaa	420
nggagaagtt	gttcaaggga	acgacttgan	tcanctgccg	gnttgccggt	tggaaggaaa	480
ntgggggggc	ttgaanaaga	agcccctgga	atnccaccgg	aagccccctt	ttgggggggg	540
gccttgcaaa	cggggaancc	ctttnaaagg	aatttcngcc	antttcaang	gttgggcca	600
ggggaatcnt	accnaagggg	ccttctnngc	cttggnatgg	tgaatccang	gnaaattaag	660
gtncccaatt	gntgaancct	tccaangggg	ancccaaacc	agcacccttg	naanaagttg	720
agaaaacttg	cttgcntctt	ntgacacccc	tncnaggggg	aacttcaagg	aaccggttcc	780
tnaggcttgg	aaggaggacc	cccananccc	tggancctaa	attnttaa	gggtnggacc	840
accn						844

<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3216

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnange	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttgggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3217

ttggantctt	ctcngaaacn	cttngcnatt	gcncntctctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgccca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaatctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3218

tggtgccggt	tcttantctg	ngctctcgtc	ttcctttetta	tacctgggca	ncncttggcg	60
gccccnagg	tcccangnag	ccnngcngng	ncngattcgg	cacgagattc	caaaggtttc	120
aaagaacttg	gtcataaata	tgataatgag	aagacaaagt	atztatatta	aaacagttta	180
gtagccttca	gttttgtgaa	aatagttttc	agcacagaaa	ctgacttctt	tagacaaagt	240
tttaaccaat	gatgggtgtt	gcttctagga	tatacacttt	aaaagaactc	actgtcccag	300

tggtgggtcat	tgatggcctt	tagtaaattg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgct	tccttaacca	gctcatggtg	tgtgaatggt	ataaaattgt	cactcagata	480
tatttttttaa	atgtaattgt	atataagatg	atcatgtgat	gtgtccaaac	tatggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaagttt	ctaattcaca	acnttaattc	ctttaaaatn	600
cacanccttc	tgccctctgna	tttggaagtt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcatattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcctta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

caaaanccct	tttgnaannn	ncennagenn	tttnatnncc	tnnttgcaaa	tngettggtt	60
actcgttctt	tctgcaggat	cccatcgatt	cggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcatctctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagtttttg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	tttttnangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgttaaag	ttactatggg	ttggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggt	tnngagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3220

taatgctggt	tactgccctt	caaatccctg	caatcccttg	gnaanccgnc	cngcngaccc	60
atcgattcga	attcggcacg	aggttatatt	aaattattct	ttgntnttct	ttgtctttta	120
ataaagcctg	caagttacta	aattgnagtt	ncataaatte	tgtagtnaag	tatcatcttg	180
gcagngtgcc	aaaggtgaaa	angntgcttn	ctctaacaga	gaaattctta	gngactccag	240
tcgtanaaaa	acgtctttac	aacctgaata	agatnganga	attgngaaca	taccatggcc	300
tattggatga	atcatttgcc	ggnggctana	ncagactgta	gggtttgtga	tggatntatg	360
gagtatgtgg	gtatagaaat	catgaatntn	ccatttgenn	ncagagatte	aagentanac	420
ttaatgggta	gatcataaat	gacagaatga	attcaaaacc	tagcacgtgc	attgtaaatg	480
tgtgcccgaga	tatgtnttgg	aaatggcagn	tccttggggg	catgtntcta	ctggcaaaat	540
ttgctatagn	gnnactattg	nantgtaatt	ataaaattna	tcannattat	ncaccgattn	600

gccaagtaaa	ctgtactgtn	cataggaatt	ttgggaattg	tgcanaaatt	ggatcaattg	660
aanttnagaa	cngatgtctg	ggcttaaaaa	tttatcnggg	accacnnatt	angaaactna	720
catntttcgg	ngctgaggtt	cattgnccaa	ggccangaag	gtntttncgg	aaaanc	776

<210> 3221
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 3221						
ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcacagtcga	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttaaaa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcnacacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3222
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 3222						
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ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcacagtcga	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttaaaa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcnacacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3223
<211> 786
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaancc	cttttganac	centttgcta	cttgcctcttt	ttgntggatc	ccatcgattc	60
gaacgttccc	ccgctacata	gtctttcttt	tgtgttatatt	agttttaccat	ttcttttttc	120
catcttgta	taacctccac	gagttgtgtc	tcttttgttt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaatagggtg	gcttatagga	aaccctctgg	gccagggact	ctgcaacatc	accatgtaac	300
tttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttctcg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctggggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgancg	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtggtgg	catgaagcct	gtaataccca	gcttccctgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	gggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccenna	attnaganc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (769)
 <223> n = A,T,C or G

<400> 3224

ggatctttta	tncctttgna	atccccctnnc	tttggcnaat	cgcccgaatt	cggcacgaga	60
gttgaggaaac	attatgctgg	agagagnttt	tnaagaaagg	gagatggttg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtgggaacc	accaagcaag	gacttctgta	attntttgcc	240
cacctgcctt	gatttaacca	tgcagtattc	agggtctggg	aatatggaac	taatttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccgaagt	tggccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcca	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtcc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tcctctggtg	540
tgcttcacac	ttcttgagat	ccagaccacn	agaaagtgc	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tccnaccctg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccttttgg	cnacttaanc	cattaaatcc	aattccn		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (915)
 <223> n = A,T,C or G

<400> 3225

gnggaggggn	gggaagnggg	gngcagnnnn	ncnaaaacnn	nngcacanca	ancncnnang	60
aacncnnnca	gnncncnncg	nanacancaa	ngngnaaccc	tttcaaancg	cttggcaaatt	120
cgcncncgct	gnaggaccca	cganncgac	ccagccnnet	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aaccaaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc	300
accngactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc	360
ccccttgact	gtacacacat	gnggagnnca	gagccaccca	tngagagagg	ctgctcagct	420
cagcaccctg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancccgtat	480
tcnggggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggaccca	540
ccctggnaaa	aagccacgta	aaatgggnacn	ancnntccan	ggcanccang	gncnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagaa	aanngnntan	nncncangag	660
nnccccggan	nnengnaatg	gccagnnaag	ctgnnncccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	nngtcgacnc	ctnccnggnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	ncctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tgannnccct	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnntataaaa	ncctntggaa	ctncctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaaggt	tgtgacattg	tcactttttt	gttctagact	cttttaaatt	120
ttctgcattt	gcctgaaaag	cacctctgta	agaatagatt	tctcatggct	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaatt	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca	300
agaggcatct	ctggtcttgt	gacaagacct	cttcaaaaac	ccacagtaaa	actcccctcc	360
ctccagttgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcggtttcc	420
cttgtgatct	ggttctctgag	gtcttcggat	ctgtgcaatg	aattatttat	tgntttatta	480
aaccgacagt	ggtgtcccag	agaggaacca	taaataaaat	ggaaatctgg	tgctgtgata	540
aagtaataac	tagcattaat	gagacctggt	tttcttttca	gaaagtccag	tatacctgta	600
acaaaggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcacga	gtctaattct	tacctctatc	aaaaaacaac	tgnttaaatt	720
tatgaccaac	atttaaacna	aaaccaaaat	ggaaaatttt	ctttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatcent	ttcttttatag	cttngtttnt	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttgga	cattttcatg	tgaatgaaga	120

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agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaata caagaaagt atcagatcct tgaagagaca 240
ttccaatatc tgctcctcag tggcttttcg gcctcagagg cctcagagcc tgggtgcatg 300
tggaactggat atgcaggtga tgctgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa cagaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaaccctgcc ctageccatt ctatctctgt ggcttcgtgt ggtaatatat ttagttgttg 480
tgcacaagat ggtaagggtc gaatctttcg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt canggggtatc ccaagtctgc tttctnccag aatcctattt 600
gctgcttact gganggaatg atgggaagat cacgttgtgg gatgcaaaca gtgaaanttg 660
agaaaaaac cagaagaagt nccacaaaaa ccgtaccccn caggaaggaa aaccctaaaa 720
ananggaacc ttgcaccna nccngggntn ggaaaatacc taaccnnttt nntnacct 778

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<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3228

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caaaanccct tttgnaannn nccnnagnnn tttnatnncc tnnttgcaaa tngcttggct 60
actcgttctt tctgcaggat cccatcgatt cggaattata gtattgacgt gaatccact 120
gtggtataga ttccataata tgcttgaata ttatgatata gccatttaat aacattgatt 180
tcattctggt taatgaattt ggaaatatgc actgaaagaa atgcggccca ttagaataag 240
ctcgtgttat ggaaaaaagt gcaactgaatt tattagacaa acttacgaat gcttaacttc 300
tttacacagc ataggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa 360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc 420
cctaaaatat ggatgtgctt atataatcgc ttagttttgg aactgtatct gagtaacaga 480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata 540
ctaaaaatac tacattgatc taagaagaaa ctagccttgt ggagtatata gatgcttttc 600
attatacaca ccaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta 660
tttcaagtaa ccttttcccc ctgtgtaaaag ttactatggg ttgggtggnac naactttcat 720
tctatagnat attaatgtgg aaagtngggg gaaattctac nttttatggg tnggagtggg 780
cccaatgtct atcaaggagt gnacaaatta ann 813

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<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3229

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gnnnnnnntt nnnnntttgc aaatnecctn gnaaaanncc nagnnnnttn anncntnttt 60
tcnaatnctn ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgaga 120
gnaatcaata tcttgaaaat ggccatactg cccaaagtaa tttgtaggtt cagtgtctata 180
cccatcaaac tatcattgac tttcttcaca gaattagaaa aaactacttt aaatttcatn 240
tggaaccnaa aaaagagccc atatagccaa gacaatccta agcaaaaaaga acaaattttg 300
aggcatcatg ctacctgact tcaaaatata ctacaaggct acagtaatga aaacagcatg 360
gtactggtag caaaagagat atatagacca atgaaacaga acagaggcct cagaaataat 420

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gccatacatc tacaccatct gatctttgac aaacctgaca aaaggaatgg ggaaaggatt      480
ccctatttaa taaatgggtg tgggaaaact ggctagcctt atgcaggaaa ctgaaactgg      540
accccttctt tacactttat acaaaaatta actcgattca tttaaagactt aaaagtaagt      600
tctcaatgta taaaaacctt ggatgaaaac ctaggcagtc cattcaggac atagcatggg      660
caaatacttc atgactaaaa caccctaaagc aatgtcaacc aaaagccaaa attgacaaat      720
gggatctaac ctaaactaaa aaacttggtg tgcagtttta ttttgggant gtgtgtgggg      780
gtacctctga gttttcaaaa aatgaagaaa gtaagtcc      818

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<210> 3230
<211> 789
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

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<400> 3230
gnttgaannc ccttngnntt caaatngatt gttactngcc ttntgcagga tccctcgatt      60
cgaattcggc acgaggatag cttaaagcaa gtttacaagt aattaaaatg gacagtttgc      120
cattaaagat ttttaaatag ggttttgcag tgtactggct tgaattttct ggacttgagt      180
taactgaagg agagcctcaa acnntagtaa cttcattttt aaaagttact agaatttggt      240
atcctgattt atattgcagt gtttcaaagg tgctactgtc agacaaatag aaacttgcc      300
aacttggtgt aacttaagct ttcatttaac taaaacattc ttttcttgca aaacttattt      360
ttcatgatca tttttggtta tttattatac ttgattccaa aatagtacag ccttgaatct      420
ataaaactgt gcagtcatta tgccagaaat tatcttaaat atataatggg tcaccttgct      480
gttcaaaggg tgggtgcaagg tcctgcagca tcttacatct gtagcttggt agaaatgtaa      540
actctcaggc cccacaactt acttctctgca ttttaacaag atccccaagg gatatgtatg      600
ctcataaaaa attttgagac actgggttta atggaaaatg gatataagggn atgtataact      660
gggggggtgg gtgagggtag gaaggcattt accaactnag attttattta tttttgaaat      720
taatcaattg gnttaaatcc taatttattt acccaaatag gggctcttta aaaaaatatt      780
ttttattcc      789

```

```

<210> 3231
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 3231
gnttgaannc ccttngnntt caaatngatt gttactngcc ttntgcagga tccctcgatt      60
cgaattcggc acgaggatag cttaaagcaa gtttacaagt aattaaaatg gacagtttgc      120
cattaaagat ttttaaatag ggttttgcag tgtactggct tgaattttct ggacttgagt      180
taactgaagg agagcctcaa acnntagtaa cttcattttt aaaagttact agaatttggt      240
atcctgattt atattgcagt gtttcaaagg tgctactgtc agacaaatag aaacttgcc      300
aacttggtgt aacttaagct ttcatttaac taaaacattc ttttcttgca aaacttattt      360
ttcatgatca tttttggtta tttattatac ttgattccaa aatagtacag ccttgaatct      420
ataaaactgt gcagtcatta tgccagaaat tatcttaaat atataatggg tcaccttgct      480
gttcaaaggg tgggtgcaagg tcctgcagca tcttacatct gtagcttggt agaaatgtaa      540
actctcaggc cccacaactt acttctctgca ttttaacaag atccccaagg gatatgtatg      600
ctcataaaaa attttgagac actgggttta atggaaaatg gatataagggn atgtataact      660

```



```

ggggggtggg gtagggtag gaaggcattt accaactnag attttatttta tttttgaaat      720
taatcaattg gnttaaattcc taatttattt acccaaattg ggggtctttta aaaaaatatt      780
ttttattccc                                     789

```

```

<210> 3232
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

```

```

<400> 3232
ggnnttnaan nngctctact gaatgccttt ggaaaggccc ccatcgtttc gaatncggca      60
cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc      120
aaagtagggtt ccngetttgt cttgatctca atccattcta actcctgatg tcattttaccg      180
tgtgagatct tanncacaaat catgaaaaga atatgagcat ttatcaaaac tctctgacat      240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaact tattttaattt      300
ttctaacttc aatttctacc tatgtgtctc tgccagtttg acctgattca gacaccacaga      360
acttgaataa agaagccctc ttctattttc attcttaatg aatatacctt ttcccatgtc      420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc      480
tctgtcacca cccctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt      540
aggacaacat gccattttctg attccccaca cacataccct atcattgata cctaccctca      600
ggattagatt ctgtctaaagt aattttaga gccatcaggc ttnantaagt attgggactg      660
caagtcaaca cccattatct catcaaaang ggatgctgtg ttggggccag anggagaaan      720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn                        766

```

```

<210> 3233
<211> 831
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(831)
<223> n = A,T,C or G

```

```

<400> 3233
gaancccttg gntttgange catttttaat nccttggmnt gnnccctcga ttcgnnccgg      60
cncnaggctc ngtacagatg nntcttatec tgacntnagc aangncttaa ctgncnnntn      120
tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaanctg aaaggnaact      180
agtgcagann gctncgnnt cctntgcaa actggatacg gtannngaag agggagcctc      240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaagg      300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga      360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc      420
atccttggan aacnntttgc tttanaacan cnnccctncg tgnctacnca cancctatgc      480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc      540
ttagnnncca gggaaccnnn ntgnctttac aangtngntn nangtcctna gntgagcata      600
cnacccagnt ggganctnct gacnagtttc ctncanactn gtcnccngag tgggaacggc      660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg      720
natttaanaa ctngaancct ntannccnt tcnaaanntn cttttgnnga cnttagnana      780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcaccnntgc c                        831

```

```

<210> 3234

```

<211> 772
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234

gnnnntttnnn	nnnnnnnttt	ncaaatecgt	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtataa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tatttttgga	ttgacgaatt	cctacatggt	tntttctttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaactaa	tgaacacaaa	300
gtccctcatg	ctaccctttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctcctatc	agtataat	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatgggttt	tataaat	atataataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aaggtttata	tgagttgatg	540
aatagttgnt	ttattat	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atgtgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttctggg	ttaagtgctn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnntnnn	nnannntngn	nataatnaaa	nnnnnnnccn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccnngtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttctctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgcctg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagtggg	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcatttgtt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcattttgg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1) ... (781)
<223> n = A,T,C or G

<400> 3236

aanccccc	ttt	tnnangcgnt	tccntncanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccc	atc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgttt	gt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt		240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat		300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact		360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg		420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat		480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan		540
gttggagttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc		600
attcacttct	ctagaaagct	gccaagacag	aagcagaaaag	aaatgggatg	atagttctgt		660
caaagcacac	ttctggntct	ttagaacctt	agaagtgnnt	ctaagagAAC	agaagttatt		720
aagaagaaac	nagntacgtg	tgggaattca	acaaccttng	ggtnggaacc	cattggcttn		780
t							781

<210> 3237
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (764)
<223> n = A,T,C or G

<400> 3237

gtnttnnntt	tctttcta	aat	agcttggata	ctcgttcttt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgagccaaaa	tggggtgggg	ccgcagtggc	tcacgcctgt	aatcccagca		120
ctttgggagg	ccgaggtggg	cggatcacga	ggtagggaga	tcaagaccat	cctggctaac		180
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaac	tagccaggca		240
tgggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa		300
cctgggaggt	ggagcttgca	gtgagccaa	atcggtccac	tgactccag	cctgggtgac		360
agagtggagac	ttcgctctca	aaaaaaaaag	aaaataggca	caataagtaa	tacatttctg		420
cccaagtaag	agccttccct	tttgtggatg	taatgaaaat	atcttcaagc	actttataaa		480
tnaattatat	gtctgatact	agccttccat	tgcttggatc	acatctgatt	gtcctggtaa		540
tttnagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	attcagggaa		600
aagactatga	tgggtgcact	tgtaactgct	tttgtgctgt	aaaattgtca	tngattaaag		660
aanaanaatt	ngcttggntg	cngtggctta	cacctntaat	cctancactt	ttnggaagcc		720
aaataangga	cttgnttgga	nccangantt	tcangaacaa	cctg			764

<210> 3238
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (764)
<223> n = A,T,C or G

<400> 3238

gtnttnnntt	tcttttcta	agcttggata	ctcgttcttt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgagccaaaa	tgggtgggg	ccgcagtggc	tcacgcctgt	aatcccagca	120
ctttgggagg	ccgaggtggg	cgatcacga	ggtagggaga	tcaagaccat	cctggctaac	180
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaaaaac	tagccaggca	240
tgggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa	300
cctgggaggt	ggagcttgca	gtgagccaag	atcgtgccac	tgcactccag	cctgggtgac	360
agagtggagac	ttcgtctcaa	aaaaaaaaaag	aaaataggca	caataagtaa	tacatttctg	420
cccaagtaag	agccttccct	tttgtggatg	taatgaaaat	atcttcaagc	actttataaa	480
tnaattatat	gtctgatact	agccttccat	tgcttggatc	acatctgatt	gtcctggtaa	540
tttnagaaaa	gggtagcccc	ttgggtatgga	tagtagcttg	atgacatgga	attcagggaa	600
aagactatga	tgggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	tngattaaag	660
aanaanaatt	ngcttggntg	cngtggctta	cacctntaat	cctancactt	ttnggaagcc	720
aaataangga	cttgnttgga	nccangantt	tcangaacaa	cctg		764

<210> 3239

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3239

atggcttttg	nnagntccnn	ntctttcaaa	tncttggcta	ctcgnctcttt	ntgcaggacc	60
catcgattcg	aattgtaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	120
actttgatga	gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	180
atgcatgtat	agttttgtta	gacagggcca	catacccttc	cttagaggta	gtaccctttt	240
gtattcctgc	cagtaatata	tgagagtcca	cagagtatgt	ggttaagctt	tagaatgctt	300
gtccatctga	tagggaagaa	atcgtgttgc	cttaatttgc	ccttctttta	ttatgaatca	360
gatttttaac	ttttgcctct	agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	420
aagatacatt	gatgagtttg	gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	480
ttgtgaaatt	tgtgatgcta	ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	540
taacaacaac	aattgcattc	attttatggt	tcangttcac	ggggagggtg	gggaggttnt	600
tttaattcnc	ggcgcggcg	ccaatgcatt	ggggcccggt	cccanccttt	gttcccttta	660
tgaggggtta	attgcgcgct	tggcgtaatc	atggtcataa	ctgattcctg	ggtgaaattg	720
tatcccgctc	acaattcccc	accaacatcc	anncccggga	gcataaaa		768

<210> 3240

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

annggagacn	nnngnngnann	gnnggggnnn	acnnngaaan	ncnnananan	acacannann	60
nannnnnngag	gggcaacaaa	cncnnatttt	cgaaaanccc	ttttggngnt	gaccccnttc	120
naacacttgc	ttntcgccct	ntgcaggatc	ccanognann	cgaaggnggc	ncgaaagcac	180
ggngtccena	nnngatgnn	aaanatgacc	gataaacttc	ngggncngat	aatgaanggc	240
actatnggnc	atactgatgc	tgntcatggt	gcntaccan	agacngaac	tggaaaaggc	300
tctgcagngt	ctgggatacg	ctcagtgtgt	cangggagggt	caggngtgag	gggaatggcc	360

```

ccgganggtg atggggcnng ngcatccgat gcagcnntat agctctgnaa ttaccacttn      420
caaactntn attacgaaaa atgtcaagga cccnggaatn acaagngagg naggcaggat      480
aatggccccc aanatgcccn tgttgagacc cccanacctt gagagtgcct cacatgggga      540
agactgtcct acgtcanent gcacgcccان ggagagcccca ngggccctta aagcttgaga      600
gccttncttg ctgagacnga ganatgccag aagcaaggag aggcnagaac ccgaggaggg      660
cccgcanccct gcccnngnatg gcccttagaa ggaagggccc naannagcgt ggtggcccn      720
ctaaagcaan ctgngngacc nggggggacc ctngangtacc caangcccct gcaaagcaaa      780
accngaaat ttcnnggcca aaccanacac cccaangga atnggaangg aaanngngaa      840
aaggnacncc cctngaccnn tgggccaana accccttgga accccctga aaccttcnac      900
cnaaaatngn gtnaaancnc ccgcgannng gacttnagtg ngcaagcaca cancccc      957

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<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3241

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ntgtaancct tttcaaatec cttggctact tgntctttct gcaggatccc atcgattcga      60
attcggcacg aggcgcgaac gtgactcttg nnacgcttgc gncctnacg tagntngnng      120
accntgcang anggaanaan ggctggccnn cngntgtacn ctnacccgtc taaccccgcg      180
aggtccaggc ccgctccttt cggngnggat tctcgcgcaa natccctccg gcagctcttt      240
gcaaagctgn ttagaaactt ctcccaaact cggcntggat acgactgcta tagggctcgc      300
tgctgctttt gtggagctct tgctcctcta tccttggcct ctcttgggat acggcccaag      360
gccaagtntt cagcgangtt ggtacgctta tttcgttctg gactctgggg gctntgaann      420
ttcaccacgt ggactgctgg ggancgggnt nccgancact ngnttacctt acnccanaat      480
ctgacaactt ttctggacaa cctaccanc ttcaattggc tngngagcnc ntngntgct      540
ggggnnntnctn gtgcaaatgg agncncaatt ggtggggcaaa tngttgatgg ncaaaacggg      600
aaaaagcaac nnncaangct tttggctnaa agccgatang acncaaatta nttcttttgg      660
accttganaa tttcctcaan ntttttnagn annncctttt ttcttggan aaanacttaa      720
aagtgaacga ttnttgggaa anaaacaaac tataataact naaagctttt ntaaaaaaa      780
annaatnnt

```

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3242

```

tcnaaatccc ttttggnagn ttncncttt gtttcccttt nctnggctnc ttgttctttt      60
tgcaggaatc ccatcgattc gaattcgga cgaggctcct ttgaaccacc ccaaagaact      120
caacatggca aagcaaattg taaaagcttc ccgactgttc tactttgggt ccgcgcgaag      180
ccactcacg tgtgatctgt gttgcccctg ggaggcccgg ggcgaccgga aaagggctct      240
ctcaagttct gaaaagagaa tctgccacca gategaattt cgaccctga gcttgctcgg      300
acgtatggtc caaattcaga ttaaggtggt caccacaacc gagatgtcag gaaaggcctt      360
ctgcagagaa aatgtcccc caccgcctat ctgcagccag gtgtgtgcca cacggcagcc      420
ttcccgaaac atagtatgga ttttaaaaat gtgttttatt ttgtttctca accactttat      480

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aacgtat	ttat	ttgt	ttgt	gtatt	tatc	540
atcctt	ctgt	cact	tttt	agtt	taat	600
tgtcaa	aaaa	taat	ctag	ttat	ntat	660
ancttg	cacaaa	acag	gtaca	gctt	caag	720
caaggt	ttgg	tatg	aaac	gaan	aaaa	780
nnnnnn	aanct	ggct				804

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3243

ttcnaat	ttgtt	ccttt	ggatc	gattc	cggc	60
ttctgt	tggtt	aaagt	agtac	tttgac	taccaa	120
tctttt	tttaa	ttttat	gacttac	cttgaga	gttctt	180
aattgc	ccant	gcagc	tctta	tttatt	gtgctt	240
atttcag	cttat	accct	actcag	ccatc	gaccc	300
ctaaat	gattt	atgct	ttgtc	tgcaa	ccaaa	360
tagttt	tgtaa	ccttt	aataa	tattt	ggcgt	420
gctcaa	gtaat	cactt	tgctag	gacag	ttaag	480
nagttc	ccagc	caatg	agacc	nctatt	aaaaa	540
aaaaat	aaggc	ggcgc	tgtaat	gctact	gaggc	600
tcaggag	tgctt	ccttg	cannag	agccc	ttggac	660
ggantt	ccctg	ccagag	gaaat	ctcaaa	ccataa	720
cctntn	aaaat	aaaac	gcctt	aactn	ggagt	780
atnc						784

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3244

tccaaa	ccttg	attccc	ncaata	tcctt	actccc	60
tnngnt	ccatc	gaattc	cgaggn	aagaag	gtcttc	120
tgtttn	tataga	gttaa	acttc	agtgg	aggcag	180
caccac	ggcaa	tttaat	taatg	acagt	ggctgt	240
ctaggg	cattg	cacatt	catcaa	ccttt	gtggag	300
cggtg	acatg	actgc	ggcct	acagag	actctg	360
acaaaa	taatg	taaata	ataat	tagaaa	cattct	420
acaaat	aattg	aatgt	attag	attag	ccttag	480
ttcatt	gaaag	caagt	aagtt	ctggaa	ttgaac	540
ttcgtt	gaact	gctac	tcgttt	tttct	tgtagg	600
gctttg	gtnaat	tcaaca	atacag	acctg	ggaata	660
caaaa	ttttg	gctga	tctgc	agcat	gtattg	720

gaaaatggcc tctctttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 3245
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ntngnttttgc aggcattccca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct 120
tctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggc 180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct 240
gttattctag ggcctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg 300
aggttgcggt gagctgacat ggtgccactg cactccggcc tgagtgcag agtgagactc 360
tgtctcacia aaaaaataat gccctttaaa taatgaataa tagtgataga aaatgtcatt 420
tcttggacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta 480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga 540
acatttttgc ttcattggaac tcaatggcta cgtagtccg tttatgcttt tcaactgttg 600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat 660
aanggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg 720
aatggcctc tcttgagact gaactgcaa cctggcaatt attggctgct aanggttctc 780
tttt 784

<210> 3246
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 3246
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ntngnttttgc aggcattccca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct 120
tctcatgtt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggc 180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct 240
gttattctag ggcctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg 300
aggttgcggt gagctgacat ggtgccactg cactccggcc tgagtgcag agtgagactc 360
tgtctcacia aaaaaataat gccctttaaa taatgaataa tagtgataga aaatgtcatt 420
tcttggacaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta 480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga 540
acatttttgc ttcattggaac tcaatggcta cgtagtccg tttatgcttt tcaactgttg 600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat 660
aanggcaaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg 720
aatggcctc tcttgagact gaactgcaa cctggcaatt attggctgct aanggttctc 780
tttt 784

<210> 3247

<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3247
gtttcnaata ncttgctttt nnnnnntctt caaatngttg gacccctcgc aggatcccat 60
cgattcgaat tcggcacgag gtgtgcttgt gaaatgtcca ggcggtgtgca cagccagtgc 120
gccacttcc gggtctccttg ctccctgctg tactgaagtt ttggattttg catccaatcc 180
tgtgtgcctg cccttctgccc gaaggcttgt gaggggcctg agtcctctgc ccatcaggat 240
gacaggctcc ttccctgcagg gccatangag ggaagttttg gaaacacaga atgattccaa 300
ggtgctctcg ttccctgaggg ggactgggtt gtaacccatg acatctgtgg gcgagagagg 360
cagctgggag cangacactt ggagggtcac ccacggggg tggcacctgc actctgagtg 420
ccccccactg tcatcagctg cctcttaccg tggacacagt tntggttttg gggactangg 480
ggcccnactc ctggtggtac cgtttggact tactagggca gtgggacata tangcccggg 540
gctagtnga taacggggag ttacnctga tgactntttt gatggaatcc tgcattagat 600
agcttngtgg gacccccccc ctcanaattt ggggaactga ngagaattcc nngaaggtgn 660
cnttcangga gagcaccttt naaggggccc cctaacttcc tgagcctgga aattagaata 720
ancattaaag gggcatcac accttttccc aaaaaacccc tntccatttg gttttt 776

<210> 3248
<211> 777
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

<400> 3248
gttctaattgc ntngnntcat cctttcttca aatgctgtng ttcttttgen gatccctcga 60
ttcgaattcg gcacgagacc ctctctggcc acatggaggc agtttctca gttctgtggt 120
cagatgctga agaaatctgc agtgcattct gggaccatac aattagagtg tgggatgttg 180
agtctggcag tcttaagtca actttgacag gaaataaagt gtttaattgt atttcttatt 240
ctccactttg taaacgttta gcatctggaa gcacagatag gcatatcaga ctgtgggac 300
cccgaactaa agatgggtct ttggtgtcgc tgtccctaac gtcacatact ggttgggtga 360
catcagtaaa atggtctcct acccatgaac agcagctgat ttcaggatct ttagataaca 420
ttgttaagct gtgggataca agaagttgta aggctcctct ctatgatctg gctgctcatg 480
aagacaaagt tctgagtgtg gactggacag acacagggct acttctgagt ggaggagcag 540
accaataaat tgtattccta cagatattca cctaccactt cccatgttgg ggcattgaaa 600
gtgaacaata atttgactat agagattatt tctgtaaatg aaattggtaa gagaaccatg 660
aaattncata ngatgcngat gcagaaagca acctttttga aagtttataa aatggtttna 720
cccttcataa ccagcttaac ctttcacttt ttcttatttt ggatttataa ataagaa 776

<210> 3249
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3249

```

gntcctnnnt ttcttatnct tggetactcg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaaccc aagtgtggca      120
aaggaaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatthtga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gtttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgcctgtggt cccatgacaa gcttcacccg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgtcgcatat      600
tgcgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggccnatgga ttttggggtg ggggaantcc cttccttgcn gantttggcc      720
ccanctancn tctttgaaca ncttgntnaa ncaananggg nggatgcann      770

```

<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3250

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ggnnnnnttt ncccccttt tgaaaacccc ttttgggnga ancccncttc tttnaaatcn      60
cttggtact cgctctttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgct ttcaaagtgt ggtgggacta gaacacacaa tggaaggatg ggtcaggag      180
acctggatthc ttgtgcccgc tctggctttt acagtctgcc taactctatg cagtcacttc      240
ctgccagcct gtttccttac ctacaagagg gagagacact ccctggccag cctagtcttc      300
agggtgaacg aaaggtcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgca tggtccagga acaggagatg gcagcgtgca agataaaaagt      420
ccctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggcc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaat tactgggttt ctaaaatgga      540
attattcccc cggccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ccttacagaa caaacagtaa aaaccaaag gnaagcatgc acnggcttaa      720
aaactcaaac ttcctaacta ctcagtaatt anganggtca ttttacccca aaatagaatt      780
ttcnatttat ccaataanaa

```

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1144)

<223> n = A,T,C or G

<400> 3251

```

gnnnnnnnnnn nnnntttttnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggcn      60

```

```

aaaaattngg nccctccttt ttnttgggca agggggaatc cccccaaatt ttttnnaaaa 120
ccggaccant ttttcggggg cnaaccggaa ggaaaccaat ttaaaggccn cctctcncaa 180
accccccttt tgggaanggg gggaaattgg naaaggaaac caaggccttt tcccccttt 240
gggccaaaagg ggccnaaggg ggccntgggt tggccccccc naaagtttcc aaanttttt 300
tnaaaaaggg ccccnttaa ccaaaagncc tttggggggg cccttnggcc cttnngggnc 360
cttgccnaa ngggggggtt cttttgggga aaaggggggc ccggggggtg ggggggggga 420
aaagggggtt tggggccaaa ngnaacaaag aaaagtttan nccaaaangn aacccccccc 480
naacttttnc ncntngggcc ctncntttta acaagaacct tgccgttcaa tggcccgggg 540
gccttgggga accggcaagc aaaggccctt ggcttctttc tggcccnngc catgaaacac 600
cgncatgttg ggagcaccg atcacaagcg caacaaggta gaccagctca anggcctttt 660
ggctatgtcg agatccctg tgtggccaag aactggtgtg cngagatgaa agtctcgggg 720
ccatggctga agtggggacc atcgtggaca aagtgaaaag aaagtccctt ttcancacaa 780
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gnccgnttgc cttaaaaacc ctttcccaac tttttcctgg gatgggntga aggcaaancc 1080
angaaancc aagcaatggt tgttcntcaa cnggaaggaa gggacttgaa ccnaactggg 1140
gaaa 1144

```

<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

```

ntttctannc nngntttcaa atcccttgca ttngcncctt tgtttgatcc catngattcg 60
aattcggcac gagagaagat tggggatgag gagtgaggag antgctggag accagttaga 120
ggctaccgta gcagcgtana gaggctgaaa atctaactag ggtggaagca gccaggcagg 180
ctggtcctaa tgttgggagt tgttcagatc tgaccnnana ggtcattact tatagagtta 240
ttaatttata cccacctta attgcaaaga gattcaaagc agtaagccat cactttagaa 300
tttaatgttc tgttttcctt tttatttact cattcagcag ctatttcaat gcctgctgtg 360
tgccaggtgc tattcttagn gctttacttg ttgtatgtgt natctaagtc tgtgtaacaa 420
attactcctg aacttaccaa ctcacaacaa catttattag ctacagttt ctgtggagca 480
tnggatctag atgtggctta gttgggggtt ctggcctggg gtcttctnct aaggctncaa 540
cgaaaagtng aggcccgggc tgcagtnatc tgaaggctct antggggcaa gatcccaact 600
caagctcact naatgngcng ttgnctang nttagttnnc ttgcaatnct attnggattt 660
ggngccctaa gttcctgggc atatagcccn nnnctnntat ggncaagggt cacncttgn 720
gngcantttt acacccttnn aagtcntgna nntangntgn gnagnaannng aaactaaacn 780
aatttannan nanntatata aanctcnnnn ncccttcc 818

```

<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3253

caaataccctt	ggctacttgn	tcttttttgc	ggatcccatc	gattcggact	tgaaaaaaag	60
tcacatccag	caaatagcagg	gtcacatgaa	atatgggcct	cctggaatcc	ctacagtgga	120
tggagactgg	ctcatacctt	gccagatccc	tctctcagtt	ccagccttct	ggacaaggcc	180
tgggctaaga	ggagctgnnt	cgttatctct	tcacccactg	ccctctcagt	atcaccagtc	240
ccaaagacag	gatacgtccc	tgtaacccaa	tctctcggtt	gattgatagc	agaacagctc	300
ttgtttggtct	gagaaggcag	gataagtgac	cacatatatta	tgccactacc	tccaccaggg	360
agagtccttc	tccacaggct	tgataaattc	aatcaccaac	tgtgctgtcg	tccctgactc	420
tgctactccc	gttcttctctg	ctttcctgct	ccgtatctca	gtctgcaactg	accccaaggc	480
tgggctgaca	tcaagatggg	agcccagccc	acgggcttta	taaacaccca	agaaccgttt	540
cagatcttct	ctggtgctga	tgcangtagt	tttaaatattt	tctcaagttt	cagtgataga	600
aaacccacac	aatcctctc	tggccagctc	taatagaata	tcagaggttt	anaaggccct	660
tcanaagaac	ttttnacnca	atgcctgctt	gggggaaaang	gaaagttgac	tttaaccccg	720
ggttcaaacc	tggccatttn	anggggaaaa	aancttnaag	gttcnttacc	ccntngnttg	780
gcatgcttgc	cncncnc					797

<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3254

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gacaagcaga	tgctaataaaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180
gaaataaagg	taagagaatn	tttgtactgt	tgttatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgaactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatatagaga	gagttatttt	acacatacaa	gtttcaacat	tgacccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggtttca	540
tggctcatgt	agacagggtt	atgtgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtgtttaac	tggttggcag	aatggcatgt	tcttgctgct	ggaatgggtt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggnttnttc	cgctcgtang	ttaannttcc	780
tagncccttc	ttnc					794

<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3255

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gacaagcaga	tgctaataaaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180

gaaataaagg	taagagaatn	tttgtactgt	tggtatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tgcaccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaaggtttca	540
tggtcatgt	agacaggggt	atgtgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtggttaac	tggttggcag	aatggcatgt	tctgtctgct	ggaatgggtt	660
tatggnntaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgntaa	720
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tagncccttc	ttnc					794

<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3256

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tagagtcacg	acatcagnaa	ctagttccat	gttntttttt	tcactaccag	tccttaggcc	180
ccaaaccgca	gatcctgctg	tgnggaccat	taagcccttg	actgttctag	gctcaacttc	240
caacccttcc	tgcaggctct	attacctctg	cctcatcctc	ccaacatgat	aaccagagtc	300
ttccttcaca	ttgtactgcc	taccccttta	tggtcccgag	ctctcccttg	gttttattac	360
ctccttgtag	tccattttca	gatcctgtcc	attgatctcc	acccgcacaa	tgatcacctc	420
ataataccac	tcccgccgga	tggtgtgata	ccagagactg	cctgtgtaca	agcgagtggg	480
cgatacctca	atgatctang	gaaaaaaaaga	ngcaggctcc	gtgtcctggc	acagaaggag	540
agttagtccc	caaggaccaa	gcaataagat	cagtgtattc	ttgggggtggc	aangtcttct	600
acaggctacc	cttttcatct	tctgtcttnt	aaacaaatca	tacccaaagn	gatttctant	660
ttcttnaatg	tggtcagggg	gaaaagactt	tccnggaat	ttttaattta	tttggttcan	720
aatcataca	ggccttggan	antaaaggta	ttttaaatct	aaaactggcc	ncaattaaan	780
tntc						784

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3257

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ttcgaattcg	gcacgaggat	tttcgaaact	cttcagctac	ttgccctttt	ttatctgaaa	120
ccatcatacc	ttctgaaaga	aaaaagcata	tcttcattga	cataacagaa	gtgagatggc	180
ccagtcttga	tacagatggg	accatcntnt	atatggagag	tggtcatttg	aagataacat	240
ctttagatgg	tcatgcatac	ctctgcctgc	ccagatctca	gcatgaattt	acagtacatt	300
ttttgtgtaa	agttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata	360
aagcccca	agataaacta	gttgaaaaaa	ctggcaaaat	ctgtatacgt	ggaaattttac	420

cangacagag	actgaagaat	aaagaaaatg	agtttcattg	ccagatcatg	aaatccaaag	480
aaacttttaa	gaagatgagt	tgtgtaaatg	gaactgaagg	gaggggaagag	ctgccttcgc	540
ctggtacaaa	gcacacatgt	gtatacacat	gggtcaagca	gtgctgggtct	gtggctgcct	600
gtccagagga	atgggaaata	ttcctttgtc	tttagcactt	catttttcta	aataaaaaatc	660
anccaatatg	tctaaaaaaa	aantttnttn	ataataaacc	tngaagccct	nttanaacct	720
tntnntggag	gtcctnnttt	acctatgat	tcccggaaact	tggataagga	atcccntttg	780
gattggaat	tttgggccna	aaaccncna	nnccttggaa	cc		822

<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

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nnnnggccaa	ngggaaatcc	ccccaatnt	ttttataanc	cgggcctccg	gttaanttcc	120
aaagccaatt	ttaatttaac	cttnaggggg	ccttgggccc	ctccccaatg	ggttgggttn	180
nnnntntcca	aaaaaanggc	ccccccnaa	tttnccaaaa	gggttnttnt	ttaacctttt	240
tccttnaatg	gggggtnnna	aaaccctnaa	aaattttnnn	ttaaccaatt	naccacacca	300
aaaaaatcct	tttttnncca	atttntntn	cctgggaaaa	ccttttcccc	tttttaatgg	360
ggctttttta	ccttgggtcaa	ccccccaact	taggtanttt	ggatgggtct	taagctaann	420
gaaccnaaat	tnctggatca	atttcacttt	gtcacatcag	ggaaccctat	cctcttagtt	480
ctcccattga	gatttccactg	ctggactaag	attattcttg	attcgtagtc	attggnttct	540
gnttccattc	attttcagca	ctgattatgt	taatcgtatt	gctttgagtt	ttttctttgn	600
tcaaagtgtg	nttattacat	tcattttgnt	tcataatacac	acattntttt	tttttaactg	660
gcattttgag	gatattggng	ttaatgggaa	ggaaaaagga	atgggtgcaaa	agcacatggn	720
atttgaattc	caaagacctt	gaccctcang	cattagcaag	gtcacttggt	ttctgagcct	780
canttttctt	actctcaaaa	tggagggtaa	tatcccgaag	agnactttga	caaccacacc	840
ttaaaagcct	ggatgcaana	attncccttt	tttгнаagta	aattgnggct	gggttcttaa	900
ttncataatn	ngggataatg	gggaattcct	anggggaatt	ngggctatta	ggaatccntn	960
cnatttttaa	aaatgggtatt	ttaacangcc	ttggtaaaan	ggttcanttn	catggccatn	1020
gnggaacaat	gttccccntt	tatgaannta	cc			1052

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3259

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gcctctgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaaagc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420

ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaaact	taagccacta	agtttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcagggc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggtttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tnncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
tttntctctt	tttatcaaac					800

<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

gnnnnnnnnt	ttnnnnnttt	ttgnaaaanc	ccccttttgc	naaatngncc	ctttttntgg	60
cangggatcc	ccatntttat	ntcggacatt	ttcggggccac	cggaaggggc	cgggggcccc	120
cgggccncca	ggncgggna	aaggccccc	ttgggcgggc	cccggncggc	cccaatgggt	180
tccaaaaagg	gaaaaaaaaa	aaagggggaa	cctgggaagt	tggcccanga	aaangnaaaa	240
aaaggnaagn	aaaccttccg	ccaatgggaa	tggggaaaaa	taattttttc	ttgaaaaacc	300
caaaaaagga	atggttatatt	ttcaaattta	aaaaaggaac	nttgggaaga	aagaattggc	360
ttcccacncg	cagaaaagggc	attactggct	atgtcaagta	aaagaagtcc	ttcaaagctt	420
agttgatgat	ggtatggttg	actgtgagag	gatcggaact	tctaattatt	attgggcttt	480
tccaagtaaa	gctcttcatg	caaggggaaac	ataagttgga	ggttctggaa	tctcaagttg	540
tctgagggaa	gtcaaaaagca	tgcaagccta	cagaaaagca	tttgagaaag	ctaaaattgg	600
ccgatgttga	aacggaagag	cgaaccaagg	ctntgcaaaa	agagcttttc	tttcaactttc	660
gagaccaaag	gggaaccagc	tnnaagggcn	agaaaagttt	gaaaaaaatt	ccaaaggaac	720
tgggtggaatc	ccccaaaagg	tttggttggg	gaaagaaaaa	ttcccgcgcc	aangccaaaa	780
tttaaaaggt	ttngccccca	aagggaaaag	ntttgncctt	taaccagga	attggggacc	840
ctggggantta	aaaccnataa	ttttcccgcc	naatttnaaa	aaattcnttt	nggggncccc	900
naaaaanggna	aaaaaatttt	nggggggttt	tggnaaggna	aaaatttnaa	atttggtatt	960
ngaaactttt	ttngggaatt	ccccagaaaag	aacttttgac	cttcctntng	acctnaaaaa	1020
ttttcccttg	ggggggtgna	anggatgttc	ccaagctttg	tggnatattg	gtaaaaattt	1080
naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

gnnnnnnattn	cccttttnaaa	tnccnongaa	ancccttgga	agcactaccn	ctcngacccc	60
tttggaacgn	cgactnctnn	atatatcnng	gatataatag	gtgataagtt	ctgncaatta	120
gtaacatcng	gaaaaaacag	ctnngnccctg	ggngaaaaag	gatgccaaaa	tngcctggaa	180
aagagcagng	gagaggagtc	cgggagatgn	gngatgcctc	gggacgcanc	atngntnaac	240
attcactggg	tctgccaaaa	atgtggattt	gngggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaaagaa	ctatatgctt	ggatgaagtg	tgtgaaggga	360

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cagcctcatg atcaccaaca tttaatgccc aacccaaaat tataccnggt tctgntttga      420
cagacttcta gatgccatgc acactcttag ggaaaaaata ttgggattaa ancccatnng      480
cattggacta acaaacagga atttacaagg tnggaaantt ttncnaccaa tgaaaggggg      540
gatcncaagg ttttccagaa nggntcntaa tcncaggnaa taaaaattnc tctngggcaa      600
gccctgagtc ttaancagca aaaanactcc tcccgaancc tgnagaaaaa aggggggggca      660
gccaggcccn naaanggaan gtnaggcccn agatnaacaa ngtnacctcc ncccagnaaa      720
ccccannccc caactggnac cngggnaacc cacaacnttt gcngaagncc aaaaaagncc      780
nnnagangga aaaaaaaaaa naananaaaa aacctnnnag ccctaagaa accttagggg      840
ngggccncc

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<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 3262

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gnnnnnnttn nnnntttcta atgcttntna aatnccttgg nagcaggatc ccantttcaa      60
ancgcttggg gcctatacca ggagagcgga tcccagacgt ggctgcattg nccatgggct      120
tctctgtgaa agaagacctt tcttggccag gactcgcatg gggtaacctg tttcatcgnc      180
cncgggctac cgtcatgggt gatggtgaag ggagtgaaca nancggccct acccccaggc      240
agngtcattt cgtacccttt ggagaatgca gttcctttta gncttgacag tgttgcaaat      300
tccattcact ccttattttc tgaggaaact cctgttgttt tgcagttggc tcccagttag      360
gaaagagtgt atatggtagg gaaggcaaac tcagtgtttg aagacctttc agtcaccttt      420
gcgccaagct cccgtaatcg cctgtttcaa gaaaactctg ntctcagntt caactccctt      480
caatttctct agtnggaaca atgaaagntg acctgctcnt ttctttctga acngcaagtg      540
ctacaatgat atttcaagct ttgctggcct cggacattaa gcattntagc ccaaggatca      600
attctnctcg gaattaataa ttccacntgg gangcctggc aaggtttggg atgaaaaatt      660
ggggaagccc ttatggggga aananctttt gaacaanttc aataagaatg cnttcnaaag      720
aacccttggg tgacccentt gccaaaaant ttggcaacaa tgaacatngt tcaagncttt      780
tatggggggg gaantgcenn nggntngaa nttaggcccc tngnaaaaat caattttgga      840
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<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3263

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tncctttcna atccttnttg cangatccat cgattcggag tttttttttt tttttttttt      60
ttttttttt tttttttttt tttttttttt aagtttttag ttaattaang nncttgcgaa      120
aaatccanac cagntttatt tcaggggnna nagtnaaaa ncnetgcaat ntgnncttaa      180
ngggattcga ttngaggccc ccncncnggg gganantgtg anccagggat acnacaaant      240
ncttggcaag tcaactggana ccgacnttcn tgcatttngg gaaanaanct gggtttgnng      300
nnaantaaag cattttgacn atgactgntg cctaaananc cntggcattg gccagggatn      360
ctgtggaacc ctttttntnt tnaatgggtg ntgagcatta aactgncact tgttnanngn      420
nattagannc tttgatngna acttttnann ancccccgaa nnctgggncc cctnaatntt      480

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tnaattngcc	cctntttttc	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt	540
tanaggatna	anntcncctt	ttttttnttt	tttantcccn	atcntttntt	tntncttttn	600
nncccttttt	tntnttgngc	nnnttanaaa	tttctctgta	antggatttt	naatttttngg	660
nnaannnant	ntaanggnct	cctttttttt	aatttnanaa	aatgggtttt	natnttctac	720
tcttcnancn	cntnnggntt	ttcnaactca	natgtngcnn	nngnnaaaaa	aantnntttt	780
ccatgggnct	nnctaanaa	aatcttcttt	naatggtnnn	tannnttttt	caaan	835

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgcttgtgat	ccctcgatcc	gaattccggt	gctgtcggac	60
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tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctggt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agaggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttc	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaccg	attcaagcta	gtcaacagtg	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	gggtggccatt	gcacagaccc	tggtgtgcaa	480
ggagtccagg	cgacagttct	gcctcgctgt	taccatctta	aaagcacgca	ctggctggga	540
agcggtttct	atcagcttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnacccaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaaggct	660
tncaaacact	ttgcttcttn	cagnctnaac	cttganagnc	ggcctacaag	ntgctgaatg	720
cttgatgggc	aatttagaac	ccccatacac	ctacctgg			758

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

tttctaattg	ttggctttga	gnctctctnt	taaaatcctt	tggnactac	tctgcacgat	60
gcggcgctga	cccggnccgn	cccacaccgg	ctcttttctc	ttcttttgccg	eggactccct	120
ttcctgcctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttggncc	aaaggcagtc	180
cccatgggac	ctagactcac	cttnccttgg	cctctatgaa	accttctgct	tggtgccanc	240
cctgtttcca	gctcccgacc	tgcacttctc	tgtgtgggact	cangcctcca	agctccctgc	300
ccagcnagcg	gncttcagcc	accgtcttcc	cctttctttc	gggcccgtgt	tgtnagcanc	360
tttgagaaa	cccananggg	acctngtgcc	ccttgcnagg	ncgtgtgcct	tggtgcaaga	420
ctgncctgtt	ctgcatcatt	ttncatgggt	gncgggggtg	tggtgntnnn	cnngnccgnt	480
cntgntcaca	atcaancatn	tatncctnan	ntngggatat	acnaatggcc	tnaagantgc	540
tacntcttan	nnnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660
anannaance	ntccttnnag	aanntgncnt	ctatgnaana	gnctnnnaat	gtggcnnchna	720
atataanntn	ntntnctnnc	atcntannnn	nttctacgt	nannnnnncat	nnncnctntn	780

ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	nntntnanat	ntctcntggg	840
nantnnntc	tectnnan	ncnctaata	ngatctctca	nntacatgan	ntanatnaen	900
natanngnnn	anatchannn	ngtctctctc	atnnnttatn	nannngntcan	nttacnnnan	960
nannnaanng	tatnntngtt	cnaaanntat	ntataaancn	ncgtnnnttt	nnannagatg	1020
tacnccnntn	anntaannat	ctangctccg				1050

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 3266

gnnnnnnant	nnnttttnaa	atccttnntg	aatcctttga	antaccatcc	cnttttncca	60
attnggcacg	aggaaagggtg	gcgcgcttct	cacggctgag	ttgctgcgcc	ttgcagacgg	120
aagctcccca	caggcagagc	tgcttgggatg	tgtgagtcac	gaaccagaga	agccccgctc	180
catgagcagt	gactccccc	gccctgtgac	ctccctcctn	cttgcagctc	ctcctggcac	240
cagtccccag	ggctctcctg	ttggtagtgc	ctgcttttct	tcttggaat	tctcgtgga	300
cctcgagatc	tttaccctaa	aatagtctctg	ttgaatttca	ccctggcaat	gtaaattgat	360
agcttatctt	cacagatgcc	agacaatgga	caactcacca	tcagtccctc	gtcacctga	420
gacaaatgca	tgtctgattg	cttcctctgc	cctattgntt	atgtgaaaat	gcagattcac	480
tgagccagac	taaggcatca	gtgactgttc	ctctacctgc	ctctcacatg	gagatttgtt	540
attcagtga	aggctgatca	aagacccaaa	ggaatgcaac	agtttatctc	ttatctacct	600
atgacctgcg	aactggccaa	caaccacagt	gttgnccgct	tttcagacag	aaccagtgtc	660
atcttacacg	tattnaaatg	gatgtcctgg	ngtctnccca	atatgtattc	aaaagcaagc	720
tggggcctng	accaccctn	ggcacatatt	cctcanggac	atcattcctg	angctgtgtc	780
actggcatgt	ccttaanc					798

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 3267

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaattt	gnaatcggtg	gtgatcccat	60
cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acattttaaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgct	gtatttttcc	240
agcaaataata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
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aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaacctc	ttggtctcta	cgatcttcgg	gcaanaaaac	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtgg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccggaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	attttcatga	cttggctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttggag	cctttttgaa	cttttggggg	gtcggnttta	780

cctagatccg gaccttgnta agntncnttg gntggnc

817

<210> 3268
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

<400> 3268
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aacgtgattt aaaagctgag ctttttatca gaaagctttt ttgatgtttt aagtgttatg 180
tgacttggtg aactttttta aaagtgtctac ttttaaaatc ccagatactc tgaatttttag 240
aaaacaaact aattctgatt gtgtcgtgcc caagtaccct ttttttttaa tgaataggga 300
ccaatgccac attgcttttt atatttcttt cttttttaat gttgccaaaa ccaaagtag 360
ctttgttttc ctttgatatt tgctactttg cagtatttgt gtgtgtggtt ttntttcctt 420
aatttgaaag ggacagnnct gtgtatgttt ataaactaaa tgaagataag atattatntt 480
gtataaacat tcatctgaga acaatcaaag cagtagccac atggtgctgg ctcccttgca 540
gcacaaacct ggctcatttg atgactgtca acaggaagac ttgaaaaatc acgtggattc 600
atattaccac cgctctcatt tcatggagtc ttctgatcaa aaaaagctc acgtcgtatt 660
tcttctttnc tttctctttt ctaagaaaat tgggtgttnt gaccagaatg ggaattttgc 720
ttccn 725

<210> 3269
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 3269
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catgtactct gcatctgtgg attaaaccaa ttgcagatca aaaatattag aaaaaataaa 180
aataatacaa ataaaaatac agtatnncca gttattttaa tagcatttac attgcattag 240
gtattagtct agggataaag tatacaggcg gatgtgcgtt ggttatatac aaatatgtca 300
ttttatgtaa gggacttgag tatacttgga tttttggtat ctgtgggttg gggggacggt 360
ccaggaacca ataccccatg gataccaagg gacaactgta cttattttacc tttattgtca 420
ttgcaagctt cttatggaaa ctttatagga atgaaaatat acatgttaag aagattaaac 480
attagatagt agatggtttg ttgcatgcta gaactgttag tattgttgaa tcaattactt 540
tggtttcatt aaaaaataaa cgataaatat ctttaaagag aactagaaga attttttggt 600
tgagtnattc cangtgnag tatgatcnct tactgaagta gtttgattgg ctggctaaac 660
ttanaattat tggtttcttg gtttgtanct gccantagg gttantaatt gtaangataa 720
aaatggtntg tgtggnttaa agggaaatta ggtggngggt aaaaatcttg ggaaaatttt 780
ccgaac 786

<210> 3270
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

tttcaaattcc	ttgttnacgc	cctttntn	ggacccctcg	nttcgaattc	ggcacgaggt	60
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tgtttctgtg	tacettacaa	gtctatatat	aaatttttct	tctcttgaca	gggttntatc	180
tatatnnccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
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catgagatca	gttcaatcca	atgacactga	aatggaaactc	tccaagtggg	tttctgcaaa	480
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aatgagcctg	ngggaattta	aancntnaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tantggacca	tnatttaanc	cccttggaac	cactttttga	aaccagnccct	720
ctanaaccta	tnngtgagtc	nnntttactn	ggatcccnta	actngataag	aancnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

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ctgggtactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcatgtagct	acaggacatt	180
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gccatatatt	ttgtagacaa	gtatggctcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctctt	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	acccttcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtgcaggn	agtcaggggc	aagacattac	atttttcata	720
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<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

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ggataaagag	caccgcccag	tgagagaaatt	cgtctttgag	atcaccacag	ctccactgct	180
gtccatcagc	tcagactccn	tggtgnetca	tgtggagcag	ctgctccggg	ccttcacact	240
gaagatcagc	gtgtgcgatg	ccgtccctgga	ccacaacccc	ccaggctgta	ccttcacagt	300
cctgggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcatacaagg	360
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atccccgcct	tagggcagtg	ctgcatggct	gccctgattc	caaagtgtct	ttatgccttc	600
tgtgtgtggg	atcgcccggc	ccaaccccg	ggcgccttna	gtcttgcttg	gnaggatgcc	660
ttcccccagg	anggcagtga	ngggatgccg	caacctngac	ttnttannct	cctgggggtt	720
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<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 3273

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tgaagagcat	tgntgaagag	ttaggaggtc	tcctcttgte	ctacattntc	cgntttttta	180
gaatgagaag	atgagaacga	cctccagttc	acatgacggc	tgcnngngagg	atccagtang	240
ggagatacag	tgctcagcac	caagcatgtg	caagtgagca	caatccaatt	ttacatcatg	300
ttacccctcc	aggacagttg	ctttgacgtg	gaaggatatag	agggagttga	aagganggtt	360
tgcatggttg	gcagangtgc	cctgcagcct	tcctntncaa	gctgnaancc	gtttntgncc	420
ncctggaanc	ngttggaaag	tgtgtggtat	ggnatgaaga	tcctattttg	actctgttcn	480
tgatcttgnt	tactnaagtg	anccttggtc	nttgacngta	ttggatgatn	cattgatect	540
ancatccct	taactggtcg	ggtgntgctn	cnggggggaca	ttgntttttt	nncaatttcc	600
aatgcatncc	ttnnngnanc	tntttcctgt	cacanccanc	caattnaatt	natanccctgt	660
gnattngaanc	ccnaanttcc	cagggccgtn	ngntagtcctn	tntaaaannng	ggntcaanta	720
aantttnnnt	atgangccnt	tngtataann	ttttntaacc	atnggnntnt	atgncnantt	780
ncaacctgng	gttncctctn	ataactnggc	nnttttgtaa	attcnnngntn	tnntntgata	840
atntacnttn	ttttcttttna	tnagnggctt	tatntcaaan	taatccncga	atanntaata	900
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<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3274

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tctggcattt gtgctattgt tcattctctg tgaaggctgt tcatagttgc tatagcctgt      180
gttttagttt gtgatttcat caatcccatc ttcccgcnng antaatgcat tctaaacatc      240
ctaccccaact ttagaaacgg acgtggggaa cgcttggtca tttaagccaa caataaattt      300
aggtgaatgt ccctaagtgt ttactgnttt tatccagtca aggatttgct ttctcttgaa      360
catttgtttt aaattctggg gccaaaatgc aaaggagaag ttctattcaa aggcagtagt      420
tgaaatctat tatttttagt agcctacttg gcatttacta catcggtcac ttctccaggc      480
tgccctaaat taggttgatg gagtgagaca tgccaaacat tcacctttgg gaccatagca      540
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tctanttccc ctcagaaaaa cccaaggagt tgaanggaca ggattttgnc tangcnaaaa      660
atctaagact cgtgcccttc tggtagatng gggttttaag actggaatgt gtaataggag      720
cactgccttt gcccaatcna atgantgaca ggttaactnn gaaaatggga caatcacatt      780
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<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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ttctgccaca caaagaactt ggggtgtaag gataaggcaa aagctccaat cccatttttc      180
agttctecta ggatgcaccc ctcagggagc ctggccagag ttccgnngcc cgtgagcgtc      240
agctgttgct ttattttcca tcaaagccct ctgagaagtg agacctcagc aattccggga      300
gccacataga gacagacttg gcaagggacc cctggntct gagccagtag ctgccatctg      360
gaaattcctc ttttagcctc tccttagagg tgaatgtgaa tgaagcctcc aggcaccgcg      420
tgaatttctg aggccttgct taaagctcag aagtggttta ggcatttgga aaatctggtt      480
cacatcataa agaacttgat ttgaaatggt tttctataga aacaagtgct aaagtgtacc      540
gnattatact tgatgttggt catttctcaa gtcctatttc tcagntctat nattntagaa      600
cctangtcag ttctttaagn attataactg gncctacatt aaaaaaatgc ttctcgaaaa      660
aaaaaaaanna tnnnantaca aannaaaaan cttcgaccct ttaaacctt ttggggngcn      720
gatttacctn ngaanccga cctgatnaga aanccntggg taaagtntgg anaaacccca      780
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<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240

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ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
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tcctagttga	agcctcccta	ggccaagcaa	cgttccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
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ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

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acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtatttttcc	240
agcaaata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttaa	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagcct	360
ctcatcgcta	ctatatctct	caatcggacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaacctc	ttggctctta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccggaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	attttcatga	cttggctttt	gggaaaaaaa	720
ananctgctt	nttaaaaaaa	aaacttggag	cctttttgaa	cttttggggg	gtcggnttta	780
cctagatccg	gaccttgnta	agntncttgg	gntgggnc			817

<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggaacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	cgttccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480

gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
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agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3279

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ggagacagtt	gatagccaaa	caacagtgtt	ggattcactg	actgattatg	aaagaagcag	180
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ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
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aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

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ggagacagtt	gatagccaaa	caacagtgtt	ggattcactg	actgattatg	aaagaagcag	180
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ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
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agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720

ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780
taanc 785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 3281

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
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<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

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<210> 3283

<211> 898
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 3283

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tnacttgggg	aaaacntttt	tcccttggg	cccttngccc	tgtcagcnac	naatgctttn	840
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<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284

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cccactttga	atggggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggttaaatg	aaaaagcaca	gtgcaaatg	gtgcatatga	tatcctacct	480
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gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285

gnngnnctaa	tgctggctac	ttgttctttt	ngcaggatcc	catcgattcg	aattcggcac	60
gagtttacat	tttgtttgaa	tcaggatcca	aataagggtt	aaatattgca	atttgattaa	120
tacattaaga	ttcttttaat	ctataagttc	ctgctccatc	tgtcatttta	tttttatccc	180
ttgaaattta	tttattgaag	aaactatata	ctttgctttg	taaaattttc	cacagtgtgg	240
ctggcttttg	ctgattgcta	gcgtcatttg	ctatttat	ttgtcctgta	tcttggatct	300
ggcgccctga	tcagatttaa	gttgattttt	ggggacgtaa	ttacttcata	ggtattatgc	360
atttttggat	agaggagtaa	agtagtgaaa	gtaatgtttt	taggatgggt	tgtctggcag	420
cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcagggtc	480
aatcagtgca	ggaaggaaaag	gttacagtaa	ggcagaggca	gggaaaagaa	aggcaataga	540
gatgagagag	attttgaaaag	aaggaatttt	caataccttt	taggcttaac	tataagaaat	600
ggagagtcgg	ctgggcatgg	tggctcatgc	ctgtaatccc	agcactttgg	aaggccaagg	660
ccagtggatc	acctgaggtc	aggagttaa	gaccaacctg	c		701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286

actaatggtg	ngtngctcgt	ncttccgcag	gancnngcg	ntgtcgaatt	cggcacgaga	60
ttatatattga	ttttgcatta	ctgttttcaca	atgaagcttt	ctttaaggct	ttgattttta	120
tgattatgaa	agaaataagg	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aattatagag	240
taatatattgcc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttga	aatcatagaa	gatgcaaagt	acctttcaaa	atcaacacaa	360
tgtgtttctga	aactttcgtg	actaatacca	tgcactctgt	atcaatgaac	tatgtggttt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagtg	tgtagttaat	atgcatgtta	tcgtcctttc	ttccattctt	aacagtatgt	540
gcccatttgc	aaaacaaaaa	tgctaataat	cagtaatagt	cctataaaaag	atgttaactc	600
tgttttagtca	ttgactgata	ttgctctaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcattttatc	taaagccccc	caaaaattat	ctagccgttt	cgaag		705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287

nctaattgctg	gctatngttc	tttntgcang	atcccatcga	ttcgaattcg	gcacgagcca	60
agcgcagccg	attctgcccc	ctacgattgg	ttcggggact	tctcctcctt	ccgtgccctc	120
ctagagccgg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180

ctgagctacg	agctgttccct	cggaggcttc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtggtgg	ctgccatgca	ggctcgtat	gcccattgtgc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcctc	tgaagggtgc	420
cacactgtgg	accagggtgt	gagtgggtg	agccgcgtgc	ttgtccctgg	aggccgggtt	480
atctcaatga	cttctgctgc	ccccacttt	cggaccagac	actatgcca	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcgggtttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggcccacaa	cctctcacc	660
cccagacctn	ccacctcacc	ttgttctctt	caggactcaa			700

<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 3288

gtacaatgcn	ggnngctcgt	tctttccgca	ggatcccncg	atgcgaattc	ngcccagagca	60
gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agagggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatagaag	300
aaactctatc	tcttcaatat	tataaaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatggtgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattggggc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660
aagattgcct	ggggccaggc	tgttgaangc	ttgggttgct	tant		704

<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 3289

gtacaatgcn	ggnngctcgt	tctttccgca	ggatcccncg	atgcgaattc	ngcccagagca	60
gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agagggtgact	gttgatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatagaag	300
aaactctatc	tcttcaatat	tataaaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatggtgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattggggc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660

aagattgcct ggggccaggc tgttgaangc ttggtttgct tant

704

<210> 3290

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3290

ctaattgctgg	ctctngtttct	ttcngcagga	cccatcgatt	cgcagagatc	aaacaattgt	60
agatcccttc	agttcaaaac	ataatgtgat	tgtgggcaga	aatggatctg	gaaaaagtaa	120
ctttttttat	gcaattcagt	ttgtttctcag	tgatgagttt	agtcattctc	gtccagaaca	180
gcggttggct	ttattgcatg	aagggtactgg	tcctcgtgtt	atttctgctt	ttgtggagat	240
tattttttgat	aattcagaca	accggttacc	aatcgataaa	gaggaagttt	cacttcgaag	300
agttattggt	gccaaaaagg	atcagtattt	cttagacaa	aagatgggtca	cgaaaaatga	360
tgtgatgaac	ctccttgaaa	gcgctgggtt	ttctcgaagc	aatccttatt	atattgttaa	420
acaaggaaaag	atcaaccaga	tggcaacagc	accagattct	cagagattaa	agctattaag	480
agaagtagct	ggtactagag	tgtatgacga	acgaaaggaa	gaaagcatct	ccttaatgaa	540
agaaacagag	ggcaaacggg	aaaaaatcaa	tgagttgtta	aaatacattg	aagagagatt	600
acatactcta	gaggaagaaa	aggaagaact	agctcagtat	cagaagtggg	ataaaatgag	660
acgagccctg	gaatatacca	tttacaatca	ggaacttaac			700

<210> 3291

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3291

ctaattgctgg	ctctcgtttct	ttctgcagga	tcccatcgat	tcgcactggg	ttccaagtgt	60
ctttgctgaa	taaggatttg	aagccacaga	catttagaaa	tgcttatgac	ataccaagac	120
gaaatctttt	ggatcactta	acaagaatga	gatctaattct	tttgaagagc	actcgcagat	180
ttctgaaagg	acaggacgaa	gatcaagtgc	acagtgttcc	tatagcacia	atgggggaact	240
accaggaata	cctcaagcaa	gtaccttctc	cactaagaga	acttgatcct	gatcagccac	300
gaagggttgca	tacatttggc	aacccttcta	agctggataa	gaagggtatg	atgatagatg	360
aagcagatga	atttgtggct	ggacctcaaa	ataaacataa	acgacccgga	gaaccaaata	420
tgcaaggggat	ccctaaaaga	cgtcgggtgta	tgtctccact	actaagaggc	agacagcaga	480
atcctgtttgt	aaacaatcat	attgggggaa	aaggaccacc	tgacacctaca	actcaagcac	540
agccagatct	tattaaacct	cttctctctc	ataaaatttc	agaaaccact	aatgattcga	600
taatacatga	tgtggttgaa	aatcatgttg	cagaccaact	ttcatcagac	attacaccaa	660
atgctatgga	tacggaattt	tcagcatctt	ctncagccag	ttag		704

<210> 3292

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3292

ctaagtctgg	ctnttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagccca	60
catgtaccag	gttgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgtctgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgctgcagg	360
ccacagagca	gcttgggttg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcataggtg	acaggggtgtg	tctctgacag	tggtaaactcg	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaattgg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcaccacac	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttgtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3293

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	tttgtatgta	60
agtggtagac	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggg	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgct	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcatt		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3294

gnnnctaagt	gcngggctct	cgttctttct	cgcaggatcc	cnncgattcg	aattcggcac	60
gagctctatc	ttgtttattg	ttgatgccat	cttagaggaa	aaaatgtaaa	ggtaagtaat	120
taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180

ttatgtatta	caaaaaatcc	accttttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaaatgg	cctagttatt	tgaggatttt	gctgtgttg	300
tttccatgtc	ttctctggtc	accttggtatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggctttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggg	gcagaacttg	taccaagtac	aaaagggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gcctgtactg	ttaatttctt	gtataattca	cttaaataaa	agcagggttaa	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1073)

<223> n = A,T,C or G

<400> 3295

ttnactnate	gcttggtctg	ttcttttttgc	aggatcccat	cgattcgaat	tgggcacgag	60
ggtaaagagc	aagtaatgag	cttggtccgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgca	ggcgcatcga	aaacttggtg	aagaacagaa	tgcagagaag	gcgaggaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actggtggag	cantncatat	240
annanntctg	gtcgnctntn	gncnttttgc	ttantcnnat	ccntccccct	ncnctctctc	300
tnntccnccc	tcttatnact	tctntnttcc	ntctttnttc	tntnccccct	tccncttnna	360
tcttccnntt	ntnntnttcc	ntcccttctc	ncnctnctc	ttctctctnt	cctcttcatt	420
ctntccnctc	ccttctctct	tctactctcn	tcncttctct	tctctattct	cttcnntcnn	480
tntcttctcc	tatccactna	cntcctntct	ctctcactcn	atctcatnnc	tctctctcat	540
ncntanntct	tctctccact	ttctctctac	natntctenc	tactctctna	tcananacct	600
ctntccnctc	ttctatcnct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
tttctctctc	ntctctctac	ttctactnct	tatttctctn	nttctcatca	gtctcttntc	720
atctctttct	ctnctgttta	ctntctnctc	ctctatctct	tntctatntc	ccttctctct	780
cctctatntc	ctanactcat	tctctnctac	ctnctctctc	cccttctcat	cgtctcnacc	840
aantnctntc	acntgctctc	tctnctnctc	ttcttttcca	tattctctct	ctctctnttn	900
ttctnactnt	ctcctctctc	ctctnttctc	actgctgtct	tctnactnnt	ctccttanct	960
acanccatna	ctcacctcat	ctcatctctc	cnnctnctc	tctctcnctc	ntntttctct	1020
nctttntatc	catcttctnt	ctntcctctc	ctctcacact	actntctctc	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3296

ctaattgctg	gnnctctggt	ctttccgcaa	cancnctgct	antcgaattc	ggcacgaggt	60
ccgaagaaaa	agactgtggt	ggcggagatg	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttgcc	ttctcctatg	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttctctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccagtt	300

cactctctga	tectgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagtg	ggaacggact	ggaaaacctt	tcaaccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttga	tttagactca	tctccgaaca	ggtcagccat	caccaccaa	480
tcagtgcatt	tcattgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

nctaagtctg	ggctactngt	tctttntgca	gnatcccatc	gattcgaatt	cggcacgagg	60
acagcccaa	tccgggagca	ggagggcctc	ctgccttggc	atatagacc	ctgggcgcct	120
ccctgggatg	cccaccaggc	ccagggatcc	acctaggtgg	gtttggcaac	cctggtgatg	180
gcagtggtag	tggcacatcc	tgcctttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcttcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
atthagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggc	cttcttgtgt	660
taaggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgncgc	cccttccttc	60
tgtctctgga	gacccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttctctttt	ttttctctgg	caacaaagct	tgatgttttc	actgcttttag	tttctgtttt	240
gctgggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gccccggggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctggggctc	tggataggtc	cccgtccacc	tccttccaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtggttaacc	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	nccccgntc	tcctggggana	nangnntcnn	tnatgatecc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nntcganagc	cngaagccc		709

<210> 3299
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3299
gtaantaatt auctgnagct cgaantagcc taaacanatt ggctngncca attcggcacc 60
agaccgcagg ctccgtgtac taggtgcgaa tgccgccttc tgtggtgacc actgtcttct 120
catcctttgc acctatagga ggtgagtgcc tttggggaag acggcgaggg cgacgacctg 180
gacctatgga cagtgcgctg ctctggacag cactgggagc gtgaggctgc tgtgcgcttc 240
cagcatgtgg gcacctctgt gttcctgtca gtcacgggtg agcagtatgg aagcccatc 300
cgtgggcagg atgagggtcca cggcatgccc agtgccaaca cgcacaatac gtggaaggcc 360
atggaaggca tcttcatcaa gcctagtgtg gagccctctg caggtcacga tgaactctga 420
gtgtgtggat ggatgggtgg atggagggtg gcagggtggg cgtctgcang gccactcttg 480
gcagagactt tgggtatgta ggggtcctca agtgcccttg ngattaaaga atgttggtct 540
atgaaaaaaaa aanntnnccc antcnccaan ncnttctnnc nnanctcnnt tnntcnctcc 600
antttnnctt ntncncccta ntctnccnct acttcnctn naccnataca tccccntcac 660
ttnatatant ccatnttan antngcncnc tnntcnnacn ntctctcat acntggtnnt 720
atcanttctc tanatcctct ctctnctctc cgnccgttna ctcttctctn tancactcac 780
cct 783

<210> 3300
<211> 705
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 3300
atgctgganc taatnctggc ntctcgttct ttccgcagca cccnccgattc gaattcggca 60
cgaggcctgc tgcctcatgc cgcggcgctc ctgctccacg tctctgtgct gctgggacct 120
gcactgtcgg ccttgetgcg agcccacacg cccctccaca tggctgccct cctcctgctt 180
ccttggctca tgttgctcac aggcagagtg tctctggcac agtttgctt ggccttcgtg 240
acggacacgt gcgtggcggg tgcgtgctg tgcggggctg ggctgctctt ccatgggatg 300
ctgctgctgc ggggccagac cacatgggag tgggctcggg gccagcactc ctatgacctg 360
ggtccctgcc acaacctgca ggcagccctg gggccccgct gggccctcgt ctggctctgg 420
cccttcctgg cctccccatt gcctggggat gggatcacct tccagaccac agcagatgtg 480
ggacacacag cctcctgact ccaggaagag ccagagctgt gcaggaggga aggggtgaga 540
ggggggcccc cacacctaga ctcaagtaagg aagtcgggtt ggaccttaac atctgcattg 600
gacaactcca ccccttcctt ggccttgccc ctgcccgcct acactcctac gtgtccaggg 660
cttgggcccc tgacttangg agaggagtgc agaggagggt ctggc 705

<210> 3301
<211> 710
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3301

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ctnccentac	tccttgatg	tgtgtacct	gcacacttcc	ttctcccacc	cctttttcca	120
ggttgatttg	ttttctgtt	ctctctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcaact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacaattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	ggtggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattgc	tctttanaat		710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3302

nnatgctggn	nctaagtctg	gctactngtt	ctttnnccag	gacccatcga	ttcgaattcg	60
gcacgagggg	ctaacttaca	gaggagctgt	gtatcctgaa	gattcagcga	ctggcaagga	120
atttccttgg	gagcaatgtg	tgaggaggc	catctgagga	gatctgtggc	tttcttttgt	180
tgtgggaatc	tggttatgg	atgaatctac	gacacaggat	tgtgaaatta	cagctctttg	240
ggaacaaaag	gaaggcagta	ttgcatgact	tagtttccca	gcttcacttt	ccctttggca	300
tggtgagttt	ggggtcttga	gagtctattt	tctttcacac	ccatcagcac	tgtaagtaa	360
gcaggaagac	aacctgaggt	tgtctcttta	ctttgagttc	ctacataata	aattgcagcc	420
taatttagta	cataaaccga	aacctaat	aggagtaa	ttttgtagc	agatagccag	480
atttcagcca	atcacaggct	tccagcta	aagactatgc	ccaaataagg	caaatgcctc	540
atcacatgat	gctcaataa	ggcagccacc	taggcgaggc	caatcaggta	acttttctac	600
tttgctta	tggtcagcct	gtacaaat	gctgcttatg	actgctgagc	agagctgtct	660
aaacctcttc	tggtttggag	tgctgcctta	tatatgaatt	gttctttgg		709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3303

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ggcagagct	gcgacccctc	ggaccagtgc	ccgccccagg	cccgtggag	cagcctgtgg	120
cacgtggggc	tcattcctgt	ggcggctcctc	ctgcttctgc	tgtgtggtgt	cacagctggt	180

tgtgtccggt	tctgtctgct	ccggaagcag	gcacaggccc	agccacatct	gccaccagca	240
cggcagccct	gcgacgtggc	agtcatecct	atggacagtg	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgcccc	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagcctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gccctctcct	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tcgggcccca	atactcaact	accaccttgt	agccctgggtg	cccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	acccccacgt	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggccct	gg	712

<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3304

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccttagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaaactga	ttatactcta	480
aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3305

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccttagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaaactga	ttatactcta	480
aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

gtctaaccgcg ggggtgccagg aacacacaca tcctccatcc cagcata

707

<210> 3306
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3306
 ctaatgcttg gctantngtt ctttttgcag gatcccatcg attcgaattc ggcacgagat 60
 tagctgcttg tgggtggggcc ccaaccgccc tcgggcaactg gggagctggg ctggggctgc 120
 tgctctgggg tctccggggg ccacagcttg gggtgagttg aagacctcag gggatgtgga 180
 ggggtctgcg gggccctggc cgcacaggat ggcccttcagg gaaggtggtc ttggggcatg 240
 gtgcagagca ggtgaccgga gggaatcggt gacggagcgg ggccaaggga ggggtccgga 300
 gggagtcagg gatggagggc agagggagtg gatgtggggg tttgaggacg tgtgacaagc 360
 tccagcaggg gtggggggccg ggctgagggt ggggggtgcga ggtggtcact cccatcgtgc 420
 ccctggccgt ccctccactc acccacacct ggcccagtc acgttgagggt ccaggactgg 480
 gaaggaccgg gtgagtgcac cggggaccca ggccaggtgc cccccggagc ctgctggggg 540
 ggccagagca ggaggggggtg tgtttccttt ttgtgggtgt tgcattgcaa tcaagtggac 600
 aagaaaaaat aacanaacan anaanaaaaa aaaaaactcg agcctctaga actatagtga 660
 agtcgtatta cgtagatcca gacatgataa gatacattga tga 703

<210> 3307
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3307
 gnnccntaaa tngctgggct actcgtncct tctcgacagn anccnnnecgn ttcgcacaaa 60
 gggagaactt cctcgaggct ggaactgggt tgatgttgtg aagcatttaa gcaaaactgg 120
 ctctaaggat gatgagtagc acttggaatt tgagacaagg aaagagcatt ctttaaagag 180
 taaaactggg ttcaaaatct ttcattacta ttttctggta ttgaggcgac tttttataaa 240
 acacaatttt ttgtatgttt cttacattaa aaaggttgta agttgaaagt tcatgaagag 300
 atcttggtgt attaaattat tttcacaac ttgccttaat aaaaggtgaa aatgttactg 360
 tttagtatac tttatgaagc cccttgagct ttataaatgg acaggcatgg ggaataagaa 420
 tcagtgttaa tttaaatgat cttatcctgg tggatgtgct attttcttaa aggagtatga 480
 agcccttttc aaactatcat ccagtgagg cggagtactc agtgaacagt tactccatag 540
 tgcaatccat attaataggc ttcttctctt aagtcttcat ctcttctttt gcttaattac 600
 tgaaccgtaa attacttcag agaaatttaa atgctgggtat ttgaacttta tacatgatac 660
 tttttgtagt ttcttttaat ttttgaaaga tgaactgctt ccttttaanc 710

<210> 3308
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 3308

nnannnnnnnn	tannnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnngtntctaa	60
tgctggcnat	cgttctttcc	gcagcagccc	ancgattcga	attcggcagc	agataacaca	120
gactttcaag	gaccaaggat	tggaggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt	180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggcgggattg	tactgtatgg	240
ggactccaat	tgcttggtatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc	300
cctcctccag	tacacatcgt	atgggggtgac	accgcctagc	ctcagtcact	ctgggaaccg	360
ccagcgcctt	cccagtgagg	caggctcagt	cactccagag	aggatggaag	gaaaccatct	420
tcacgcgtac	tccaagggtt	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc	480
agcctgtcca	cgcttggtct	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa	540
cctttggaaa	catcagaagc	tactctccat	tgacctggac	aaggtggtgt	tacccaactt	600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccctgga	gagagcggcg	cctgggacat	660
tcctggaggg	atcatgcctg	gccgctacaa	ccaggagggtg	ggccagacca	ttcctgtctt	720
tgccctcctg	ggagccatgg	tggtcctggc	cttctttt			757

<210> 3309
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 3309

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cggcacgagg	tcacatctta	gatggatggt	ggcagacaaa	aagagagagc	ttatttaggg	120
aaactctggt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatccccat	gattcaatca	tttcctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	accctcgaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagcccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 3310

ctaagtctgg	anctaattngc	tgggctctcg	ttcttttncgc	agganccctc	gattcgaatt	60
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aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
gggcacagac ccatcccat gattcaatca tttcctactg ggtttcttcc acagcatgta 240
ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
atcaaaatgg attaaagatt taaatctaag accttatact ataaaactaa aaaagaaaac 480
agtgggaaac tctctgggac attagtcttg gcaaaaatct cttgagtaat acccctcaag 540
cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
catcaaagga aacaatcaac aacgtgaaca gacagccac agaattgagag aagtatttgc 660
aagatactca tctgacaagg gattaataga atatataagg agtcaaata 710

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<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

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tctgccgtct ttaacatgtg actttctagg tcagtcactt ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgccctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggttttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgcccac cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600
catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
atatcagtta cacttgggcc tttgggggtt gagan 695

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<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

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tctgccgtct ttaacatgtg actttctagg tcagtcactt ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgccctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggttttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgcccac cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600

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catgtgtctt tagtctggat agctattggt aaactgccta caaactgagc agatctatta 660
atatcagtta cacttgggcc tttgggggtt gagan 695

<210> 3313
<211> 701
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

<400> 3313
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cagaaatact ctgatactag ctatgggtcag caacatttaa tgaaaaccct tatgttaaaa 120
ataaaccctt gcctcctggc ttcaagcgat tctcctgcct cagcctcctg agtagctggg 180
agtataggca cgtaccacca caccagcta attttttgta tttttactag agatgggttt 240
cacagtgtta gccaggatgg ttctgatctc ctgacctcat gatccgcccg cctcggcctc 300
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gttcttttgg tgcattggagt tttacatgga ataagttagt gcctctgcaa tttaaatatt 420
ttttacacag atttgatgct gtgcaaatgc cctctccctt tttaggtgtt gcttgttcag 480
tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
attcagcggc tttgattcag caagccacaa cagttaaaaa caaggatatc aggaaatttt 600
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gagttacctg gctacagaaa gaagatgcca gatgacactt n 701

<210> 3314
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 3314
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ggttcagcaa cttcttgtct caatcaccct tcagtcagag tgtgatgctt tccccaacat 120
atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
cagagtttgg ggagcattac gaggtttaga gacctttagc cagtttagttt atcaagattc 240
ttatggaact ttcaccatca atgaatccac cattattgat tctccaaggt tttctcacag 300
aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct 360
ggatgccatg gcttttaata agtttaatgt tcttcactgg cacatagttg atgaccagtc 420
tttcccatat cagagcatca cttttcctga gttaagcaat aaagttagta aattgtattg 480
tactctgtct acaaaaaacat tgggtatagt ttcattacaa gtttgtagct taaatgtttg 540
ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tgggttttaa tttttttggc 600
tgtgacttag cattttacat ccataaaact ttttttgtaa ttgntataac ggttactgta 660
attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

<210> 3315
<211> 702
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (702)
 <223> n = A,T,C or G

<400> 3315
 gnnctaattgc tggctcttgt tcttttgcag gatccctcga ttcgtttttt aagagataag 60
 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgtttagg caatgtgact 240
 gtctataggg aagtggacag gttatttgtg gtaaatactc atggaaaacg gtcaagcagt 300
 taaaagcaat caattatggt caccagcaa tgcagataaa tcttaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga 480
 aaaatacttg caaacatgt atctgataaa ggtctagtag tcaaaaaaca attcaacaat 540
 aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 3316
 gnnnnntttn nnnnnnttnt aaananacag gctacttggt ctttttgcag gatcccateg 60
 attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgac tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagcc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
 tcctttggcc ctcaatctgg tcccaaatct ggctgtgtcc caaaggggtg gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccctttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntaggag agctgcagtc 600
 tcttncccta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 3317
 tacagctact tgttcttttt gcagatccca tcgattcgtt ctcagatacc tgatggatcc 60

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agacacattc actttcaact ttantaatga cccttnggtc cttcgacggc gccagaccta 120
cttgtgctat gaggtggagc gcctggacaa tggcacctgg gtcctgatgg accagcacat 180
gggctttcta tgcaacgagg ctaagaatct tctctgtggc ttttacggcc gccatgcgga 240
gctgcgcttc ttggacctgg ttccttcttt gcagttggac ccggcccaga tctacagggt 300
cacttggttc atnttctgga gcccctgctt ctctgggggc tgtgcccggg aaagtgcgtg 360
cnttccttca ggagaacaca cacgtgagac tgcgcattct cgctgcccgc atctatgatt 420
atgacccctt atataangag gcgctgcaaa tgctgnggga tgctggggcc caagtttcca 480
tcatgacctt cgatgagttt gagtactgct gggacacctt tgtgtaccga cagggatgtc 540
cttnccctt gggatggact aaaggagcac agccaanccc tgagtgggag gctgcngggc 600
attctccaga atcanggaaa ctgaaggatg gcctcantct ctanggaggc ngagacctgg 660
gttggcanca naataaaaga tttttttcaa gaaatgcaaa cagaccgtca ccaccn 716

```

<210> 3318

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3318

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caggctactt gttctttttg caggatccca tcgattcgaa ttcggcacga gtgaagaatg 60
gcgtgggttg gttcctttta aatgcacttg agcagcggc tccaaccaca gggccacaga 120
gctggagggt agcagcaggc gagtgaaggg aaacttcctc tgtatttcta gcccctccca 180
tcgcttgcat gaccacctga gctccatgtc ctgtcagatc agcagcagca ttagattctc 240
acaggagcac aaactctgtt gtgaagtgtg catgcgaggg atctagggtt tgtactcctt 300
atgagaatct aatgcctgat attctgttac tgtctcccat caccctcagat ggacagtcta 360
gttgaggaa aacaagctca gagatcccac tgagtctacg ttatagttag ttgtagaatc 420
atttcattat atattactat gtagtaataa tagaaataaa gtgcacaata tatgtaatgc 480
acttgaatca tcctgaaatt attccctcat tcccagtcgt tggaaaaaatt gtcttccaca 540
cattcactct gtttttttgg agaggcaggg tcttaatata ttgcccagtc tgatctcaaa 600
ctcctggcct caagtaatat acctctctta gctnccaaa agtgctgaga ttacaggcat 660
aagccccccc ctcaaccaag actttnttna accaaataaa aattaagtga gattactttg 720
gcccgag 726

```

<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 3319

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tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggtccctt 60
gctcggggcc atggagacac tgcggccagt acggcggcgc ctctgtctga agaaggggaa 120
gtgacctccg gcctc ggc tctggccgtg gaggataccg gagccccctc gcctcggccg 180
gtaaggccga ggacgagggg gaaggaggcc gagaggagac cgagcgtgag gggtcggggg 240
gcgaggagcc gcaggagaa gtccccagcg ctgggggaga agagcctgcc gaggaggact 300
ccgaggactg gtgcgtgccc tgcagcgacg aggaggtgga gctgcctgcg gatgggcagc 360
cctggatgcc ccgcctctcc gaaatccagc ggctctatga actgctggct tgcccacggg 420
actctggagc tgcaagccc agatccttgc ccgcggcggc ctccacgcc ggaggccan 480

```



```

aaccgaaaag gaaaagatcc cgatgaagga gcccggaggc caaaaanaan aaggaaagag      540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant      600
ggaccaccca aanggacttn cccttgattg gaaccgggga gaaccccanc ccccaaggga      660
aagcnttnaa nccccgggga agccccagaa aaaccngggg angggcccc ccccttgggg      720
acnaaaaggg ggcccttttc cgggnccctt tgaaaggagg gacccccan nnaaagncnt      780
tggganggga aaccaaaaaa tccccttttn gtaancccg gggaangggg nancccttnt      840
t                                                                                   841

```

<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) . . (741)

<223> n = A,T,C or G

<400> 3320

```

gnnnnnttnn nnnnnnttn tntananaca ggctacttgt tctttttgca ggatcccatc      60
gattcgcaga aattcaaata attcttttct gcttcaatgc cagcagaagg tccccagggt      120
agacatggag aagcactttg ttttaaatag gaggggttca tagttgcatc tgaagccacc      180
tggttctgtt aaactgtatc gtgcagggtt tgggtttggc attattcatg tttctgatca      240
attctatgca actctcatag ttctgttac ttttagcat tagctgcaa atgaattcaa      300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt      360
gcttaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta      420
tatatatata tataaatatc tttcccaata tgccccgttg acagtgttta aattccanac      480
taggactgct gatctgcaca atttaattat gtggnatttc gagcacttaa tttactcaa      540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctnccctc      600
ttcaanantc tagtggtttt gcncaacagg ntgnccaatg anaaaactga nttgcgtgnc      660
tgtaaatgtt gncagggng cacatctnnn agggntcnat nctccggcct gtcctccaaa      720
agggctgggc cttgggccc n                                                                                   741

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<210> 3321

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) . . . (751)

<223> n = A,T,C or G

<400> 3321

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ggnnnnnttt nnnntactg anancctttn gctacttgtt cttttttgca gatcccatcg      60
attcgaattc ggcacgagag gcatatccc tgagctgaga gcatnaccct gtccccgaat      120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc      180
cacgacgact gggctgttga ccctgttcag gcctcggtga aggccttttg ttaactccct      240
tcccacccca tcccttaatt ttattctttt gaagagtgca tttcaagctg ccaagggtga      300
gagaggggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc      360
accaggaagt cgcattgag atcacctgat acatgaacgt atgatgttcc atctgcatc      420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg      480
attgctcttc tttttgtat cctgncttat aatttcaaca catttgcat actcaatgtc      540
tattctaaat taacctgtt ttgtaccaca aactcattgc ccatggatct gttgctgaaa      600
caaggaagtc ttaaacaaga agtggaatct ttctgttatc agattgggtc tgaatcaaat      660
gatcagaagg gtgggaatat tacaaantga agaataacag ntgcaacctt cagtttctna      720

```

aaaataanaa gngagctttt cagggcaa t

751

<210> 3322
<211> 705
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 3322
nctaattgctg ggcnccttggc cttttngcag gatcccatcg attcgaattc ggcacgaggt 60
ctagtataat cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc 120
taattctacc caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa 180
aatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat 240
atatgagaat gataagactg caattgaaag tagaggttt ctctggaggg aaaggtgagg 300
aggatgtgat ttggaagaac agcatgggga ggcacgaggt gtattgtaat gtttattttt 360
taagctgaat gataggtacg tagatgttca ttgtgttctt tttgcctttt tgtatatctt 420
aaatatatgg tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt 480
tcaaattgctg tatttttggg ggagttgctt aaacacattc cccttgggaat ctatacaacc 540
agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt 600
ttcatgaatg ttgtgtcaaa gggctttagt gaaaaaaga tcgttaactc ttttgcattc 660
agtgaataa ggtggctttg gaaatagttt cagccttgcg aacac 705

<210> 3323
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 3323
gnnnnntttnn nnnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60
attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg 120
acctcagccc catcacggtc aagtacacag agagacggca gcccgttgt acagattcat 180
caccacgacg tgtgccatca ttgggcggga ccttcaccgt cgcgggcacg ctggactcat 240
gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
acacccagcc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
tcctttggcc ctcaatctgg tcccaaatct ggctgtgtcc caaaggggtg gtgggaagtg 420
gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
tagacaaatt aactgcctg aagttgcagt tcccctttcc tggggagccc caagaacaga 540
gtcaggcaag ggggtgggag tncagggatc ttggggaccc ctntagtagg agctgcagtc 600
tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3324
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 3324

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcaccgag	60
gcctttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtct	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	180
tactgacctt	cccaaaccctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggag	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	aggggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tattttttgat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttaaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggtctacgc	ccgtaatccc	gc	712

<210> 3325
<211> 1249
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1249)
<223> n = A,T,C or G

<400> 3325

angctacttt	gttctttttg	caggnnnttt	ttnnnnnatac	agctcttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacgagaa	aacacacaca	cacacaacac	aatgttttca	120
cgctgtataa	cctagcacat	tgggaagcca	aggtggggag	ggattgcttt	gaggccaggg	180
aagttcaagg	gctgcaagt	gagcttatga	attggcncac	ctggtacctc	ttagccctgg	240
gggaggaaca	agaagtggag	gaacacctgg	tcttcttnaa	aaaaaaaaaa	aaaaaaaaag	300
tttttttttg	gaaacccctt	ttaaaaaaat	taaccttttt	tggttttttg	ggaaaaat	360
tccttttaaaa	ttccaattcc	aantttttcca	aaaaaaaaag	naaggcccaa	ggttttaaaa	420
aaaaaaaaaat	nggggggttt	aaaccttttn	gggttttncc	ttttnggggt	aacccaaaag	480
ggccctttan	ccttttaaaaa	tttttaaggg	aaacctttta	tttaagggtt	aaggggggaa	540
attaantttt	tttttnaaaa	aaaggnaagg	cccttgggna	aaantttcaa	cccttttttt	600
ttnggggggt	aanttttttt	tnggggggttn	anttaaaaaa	aattaatttt	tttttnccaa	660
tttttttggg	ttttaaatng	gttccccccc	caaggntaaa	ttaaattttc	cctttttaaac	720
cttgggggna	aaaaaaaaatt	ttccnttttg	ggtttttttt	gggaaattcc	ttgggcccc	780
ttggnaaaaag	naaaaaaaaaa	ttaanttcct	tgggggtttt	ttnccttaan	ttanttaaaa	840
aaaaaaaaaaa	aatttttttt	tttttaaaaa	aaaatttaaaa	atttnggtta	aaaaagggtt	900
ttaagggaat	tttttaaaaa	aaaatttttg	ttaaaaaaa	attatttaaa	aaaaattcca	960
acaaaaaagg	gggaaaattg	gttanccctt	tttaattggga	aaatgggttt	gggtttggga	1020
cccanttttt	ttaattggaa	aaaatttaat	tggtngggga	tttccaatta	tttacctggg	1080
tttanccaaa	ggaataagga	aaatttggaa	atgggccaaa	aaaggaccca	aaaaccttca	1140
attaaaaatt	tgagggaata	cgtggttatt	atgtaattga	aataaaaaa	ttttataatt	1200
gtaaaaaaa	aaaaaaaaaaa	actcgagcct	ttaaactata	ggggtcgtn		1249

<210> 3326
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcac	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catacctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcttga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggtta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcac	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catacctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcaactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcttga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggtta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 3328

```

agctcttgtt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc 60
ccatcgattc gtttctatac aatttttccct tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcctttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc 480
gacgagggtta aacacatcct aacagggaag gtaaaactgta cgtccatcag taccactaga 540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt 600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta 660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan 720
atggactctg taagcttata ggttgcttaa an 752

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<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3329

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ccatcgattc gtttctatac aatttttccct tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcctttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc 480
gacgagggtta aacacatcct aacagggaag gtaaaactgta cgtccatcag taccactaga 540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt 600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta 660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan 720
atggactctg taagcttata ggttgcttaa an 752

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<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3330

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aaattctctt acagcaaaaa taggcttttag aaaggtcttc tactgtcttc agcaaccatc 180
tcattctcca gcttcacctg attgtccagt tatcatacat ttgactttca aatgtatgaa 240
ccagcatgta ccccatggat ttaattcttat ctaccccggtg gattcaatct tcttatcaga 300
aggttctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc 360

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aaacacagca	cccagagtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaacccccca	420
ctcacagtca	ccgtcttaca	actcagggcc	acctgggatac	agtcatacagt	caggggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcattcc	aaccacctgg	gagcatttaa	aactccagat	600
gcccacacca	caccttgggg	cccccatcag	accttnttga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccatttaaa	720
aaanaaagaa	catgggtggg	acattggggg	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3331

gnnnntnnnn	nnnnntttnt	nnanatacag	gctacttgtt	ctttttgcag	gateccatcg	60
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tgaggggaat	cagccgcaa	gcctgnggaa	aatgaacagt	agctgtgggg	tcaaagccat	180
gtctccaggt	tcacgggctc	actcccccca	ggacaagcct	agttaggtag	tgggctgcat	240
ctgggtatcc	ctgggacaga	aatgcaggtg	agaaggggta	tcaagaatgc	ctcgagcctc	300
tagaactata	gtgagtcgta	ttacgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgtgatgct	420
attgctttat	ttgtaaccat	tataagctgc	aataaacaag	ttaacaacaa	caattgcatt	480
catttttatgt	ttcaggttca	gggggaggtg	tgggaggttt	tttaattcgc	ggccgcggcg	540
ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgagggtta	attgcgccct	600
tggcgtaatc	atggtcatag	ctgtttcctg	tgtgaaattg	ttatccgctc	acaattccac	660
acaacatacc	agccgggagc	ataaagtgtg	aagcctgggg	tgccaatga	gtgagctact	720
cacattaatt	gcgttgccctc	actgcccttt	ccaan			755

<210> 3332

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3332

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acccatgcca	aaaatactat	gagctcttac	tagtcaaccc	tatttggttg	gtcccaccaa	120
caaaggcact	tgagttaca	ttcaccacat	ttgtaacgga	gccattgaag	catattggaa	180
aagggaactgg	ggaatttatt	aaagcactca	tgaaggaaat	tccagcgtg	cttcatcttc	240
cagtgtctgat	aattatggca	ttagccatcc	tgagtttctg	ctatgggtgct	ggaaaatcag	300
ttcatgtgct	gagacatata	ggcggtcctg	agagcgaacc	tcccaggca	cttcggccac	360
gggatagaaag	acggcaggag	gaaatcgatt	atagacctga	tgggtggagca	ggtgatgccg	420
atttccatta	tagggggccaa	atgggcccc	ctgagcaagg	cccttatgcc	aaaacgtatg	480
agggtagaag	agagattttg	agagagagag	atgttgactt	gagatttcag	actggcaaca	540
agagccctga	agtgtcccg	gcatttgatg	taccagacgc	agaggcacac	cgaaagaaag	600
cagtactgaa	agcagccagt	cggccaagcc	tgtctctggc	caagacacat	caggggaatac	660
agaaggttca	cccgcagcgg	aaaaggccca	gctcaagtct	gaagc		705

<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333
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 acgaggctac ctgggcggcg acgggctgga cgtggacgtg cccacgcgtc tggagggtg 120
 gttcttctgc acgcccggcc gcaagctgct ctggctggtg ctgcagccct tcttctactc 180
 actacggcgc ctctgcgtcc accccaaggc cgtgaccgcg atggaggtgc tcaacacgct 240
 ggtgcagctg gcggccgacc tggccatctt tgccctttgg gggctcaagc ccgtggtcta 300
 cctgctggcc agctccttcc tgggcctggg cctgcacccc atctcgggcc acttcgtggc 360
 cgagcactac atgttcctca agggccacga gacctactcc tactatgggc ctctcaactg 420
 gatcaccttc aatgtgggct accacgtgga gcaccacgac tccccagca tcccgggcta 480
 caacctgccg ctggtgcgga agatcgcgcc cgagtactac gaccacctgc cgcagacca 540
 ctcttgggtg aaggtgctct gggattttgt gtttgaggac tccctggggc cctatgccag 600
 ggtgaagcgg gtgtacaggc tggcaaaaga tggctctgtga gcccaggctg cctcctggtg 660
 gtggccattg tcccccatcg gccctcacc ttgcacccca ncn 703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334
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 gacatagtga atcagaaacc aacagggagg cgcctagcat tgttttttta acaagtgtg 180
 ggttattctg atgcacagtc tagtttaaga accactactt tgggtaaacy ttttgactgt 240
 ttaaagttta tggcggtgaa gtgggcatct tcaaagacta gtacttacac agtttagaag 300
 atttcaaggt actgctgaca gtagtttatt atgtcagtat acatacgtgt agagatcata 360
 atttagttcc cttcttaatg ttacaatttc ttagtttact tttcctaaag ggccatagca 420
 taattcttga ttcttggtgg aaatcttttc tgaggtgtgg ggggtgggcaa ggtgtggatt 480
 gctgtttacg atagtgcctt cattagtttt agttctgtct gttttcattc attattgact 540
 caaaggtatt agaacaggcc cttatctttt tcctattaga tttatttttg ttttttactt 600
 tatgtaagtt cagaatcctt ttttaagtga tgactactga tgaaataatg ttactagtag 660
 ctgaatttta gacttgatgc tatgttgatt aatatn 696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

<223> n = A,T,C or G

<400> 3335

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atccatctgt	ncnacggacn	ngcgcggnnt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	gngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgcaca	300
ttngcccatt	tgtggtagaa	tcaaggcatc	acccgataag	attgncgtgg	tggaaacgtc	360
acagtccgac	canttngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	nnatncttcc	cgaaactgcc	480
tcctnancnn	ccnctannnn	tntgaongat	accgtcanaa	nnatatctgn	ctgaaggncn	540
nataatctnt	ngcatatnnc	nganncgat	ggnancgntn	tanccttnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggect	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3336

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gtattttttag	gttatgcaac	taataaaaaac	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	taaggatat	gctactgatt	taggaagttt	ttaagttcat	ggtattctct	240
tgattccaac	aaagtgtgat	tttctcttgt	attacatttt	ttatttttca	aattggatga	300
taatttcttg	gaaacatttt	ttatgtttta	gtaaacagta	tttttttggt	gtttcaaaact	360
gaagtttact	gagagatcca	tcaaattgaa	caatctgttg	taatttaaaa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattggtt	ttttttttct	480
ttttggatgt	gaaggtgaac	attcctgatt	tttgtctgat	gtgaaaaagc	cttggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtgtg	cattctactc	aggaaaaagc	600
atcttcttgt	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 3337

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cttggaaggt	gtgcatgtgg	aacatcatct	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtgtggtg	aactcagtgc	attggggccaa	tggttcgaca	caggctctgc	240

cagccacaac	catcctgctg	cttctgacgg	tttggtctgt	ggtgggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagccctt	tgatgcaccc	tgtegcacca	360
agaacatcgc	ccgggagatt	ccaccccagc	cctggtacaa	gtctactgtc	atccacatga	420
ctgttggagg	cttctgctt	ttcagtgcca	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tcgggagcag	tacactttgt	acggcatcct	cttctttgtc	ttcgccatcc	540
tgctgagtgt	gggggcttgc	atctccattg	cactcaccta	cttccagttg	tctggggagg	600
attaccgctg	gtgggtggcg	tctgtgctga	gtgttggctc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

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ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnggnangn	240
tnangccatt	agcntgggtgn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccattttntg	aactnttttag	tantgangga	gtcntgggtgn	tcaanatgga	tntacanatg	360
cctantttacc	cgnnentgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnnntn	420
nantcttttta	ttcccanngt	tncctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttaen	aatnagggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnnngana	540
tngtgccnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncnccaaac	600
gnnntgcann	tntnanentc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnattn	nnntnnntt	cncnttngn	tntcncnct	720
anttcaancn	netcttaant	ttngcnnntc	ctcnnttcnn	t		761

<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

nctaagtctg	ggctatcggt	ctttccgcag	nancccntcg	attcgagtgg	ctgagtggag	60
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gccagaaga	tgatgtttac	ttctctctcc	ctggctctgc	ccttcttact	gcaaaccatg	180
ctctgcctta	gggcecttct	catagctgtt	cctcatggcc	atgactggaa	cagggatgca	240
acctctttct	acacaagcac	agttagtgtg	gtgaagtctt	tnttttgttt	gttttagacg	300
gagtttcaact	cttggtgccc	aggctggagt	gaagtggcgt	gaccttggct	cactgcaacc	360
tccaggccag	cctcagcctc	cctagtagct	gggactacag	gcacccacta	ccacgcctgg	420
ctaattcttt	gtatttttag	tagagatggg	gtttgaccgt	gttagccagg	atggtctcga	480
tctctgacc	tcgtgatcca	cccacctcgg	cctcccaaag	tgctgggatt	ataggtgtga	540
gccaccgcgc	cgggccgggt	gctggcatct	taatgttctg	taggtggaat	atttccaata	600
aacacaaggt	gccgtaattg	aaaaaaaaana	aaaaaaaaaac	ttcgagcctc	tagaactata	660

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (706)
<223> n = A,T,C or G

<400> 3340
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acatcagaag atcattgagg aggccccagc gcctgggtatt aaatctgaag taagaaaaaa 120
gctgggagaa gctgcagtc gagctgctaa agctgtaaat tatgttggag cagggactgt 180
ggagttttatt atggactcaa aacataattt ctgtttcatg gagatgaata caaggctgca 240
agtggaacat cctgttactg agatgatcac aggaactgac ttggtggagt ggcagcttag 300
aattgcagca ggagagaaga ttcccttgag ccaggaagaa ataactctgc agggccatgc 360
cttcgaagct agaatatatg cagaagatcc tagcaataac ttcatgcctg tggcaggccc 420
attagtgcac ctctctactc ctgcagcaga cccttccacc aggattgaaa ctggagtacg 480
gcaaggagac gaagtttccg tgcattatga ccccatgatt gcgaagctgg tcgtgtgggc 540
agcagatcgc caggcgcat tgacaaaact gaggtacagc cttcgtcagt acaatattgt 600
tggtactgcc accaacattg acttcttact caacctgtct ggccaccag agtttgaagc 660
tggaacgtg cacactgatt tcatccctca acaccacaaa cagttg 706

<210> 3341
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (709)
<223> n = A,T,C or G

<400> 3341
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ggtacgagag tctgttgaac aacaggctga tagtttcaa gcaacacgtt ttaaccttga 120
aactgaatgg aagaataact atcctgcct gcgggaactt gaccggaatg aactatttga 180
aaaagctaaa aatgaaatcc ttgatgaagt tatcagctcg agccaggta caccaaaaca 240
ttgggaggaa atccttcaac aatctttgtg ggaaagagta tcaactcatg tgattgaaaa 300
catctacctt ccagctgctg agaccatgaa ttcaggaact ttaaacacca cagtggatat 360
caagcttaaa cagtggactg ataaacaact tcctaataaa gcagtagagg ttgcttggga 420
gacctacaa gaagaatttt cccgctttat gacagaaccg aaagggaag agcatgatga 480
catatttgat aaacttaaa aggccgttaa ggaagaaagt attaaacgac acaagtggaa 540
tgactttgct gaggacagct tgagggttat tcaacacaat gctttggaag accgatccat 600
atctgataaa cagcaatggg atgcagctat ttattttatg gaagaggctc tgcaggctcg 660
tctcaaggat actgaaaatg caattgaaaa catggtgggt ccagactgc 709

<210> 3342
<211> 715
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 3342

gtcctanagt	gtggtctcgn	cnnnccgnan	gagntnggcg	ggngcgaatt	cggcacgagc	60
agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcatcag	caacccaacc	120
accttcatca	gcaacccaac	cacctcgtea	gcaacccaac	cacctcgtea	gcaacccagc	180
caccttcatc	agcaacccaa	ccacctcatc	agcaacccag	ccaccttcat	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaaccc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcatcttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
agggtttgta	atcttcccaa	agttttcctt	tgaaaatagg	ataatgggtg	gaattttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tgggaaaagt	catcatccat	540
atactgcagt	cacttaaaca	acagccaatt	attgcaagat	tagaattgga	gatcttgtcc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctattttta	atttaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 3343

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gcctccttcc	acacgagtg	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccgggggtac	caagcagctg	cacagtcggt	gcctggggagg	cacgtagagg	240
cccctggctc	aggcagaggg	agatgggttag	actcttgcag	ggctaaaaact	ctaattttgga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcatca	tcatatcgcc	ctgtgtgggtc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540
gacggcgag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatcccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtnttttctc	gcagtanccc	ntcgattcga	attcggcacg	60
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gagccactga	tggagatgag	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

cagctggggc	tcaagtacct	ctttatcctt	ggtattcaga	ttctggcctg	tgccttggca	240
gcctccatcc	ttcgcaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcatattt	300
gaggtgtgtg	gcttcattgt	gagcagcgtg	ggacttctcc	tgggcatagc	tttgggtgatg	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
cagggggcgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgattttg	atgcatctga	gggacaagg	gggcggtctc	cgaagtggaa	660
taaaataggc	cgggcgtggt	gactttgcac	ctataatccc	agcacttttg	gan	713

<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

ctaagtctgg	gctgcttgtt	ctttttgcag	gatcccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgccggccggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaaagtgg	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	cgggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcactttta	ccccagaga	360
cgggtacaacc	caagctccca	cgtcctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	ttacaggaca	tatcacaggc	atggctagtgt	ccttcaggac	ggatatatcaa	540
gtaggtgggg	tgaccgccta	tttccgaggg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tcgcatggtc	tgtgtatgag	ttcttcaa	acctaatac	taaaaggcaa	660
gaagagtggg	gggctggcaa	gtgaagtagc	actgaacgaa	gccaggggtt		710

<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A, T, C or G

<400> 3346

gtncataatng	ngngetcneg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacagag	60
gcctttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	gggggttcctt	tgctgaccag	ggtgtgtgtc	ttgtccaaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	aggggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaaa	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caattttaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggctcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

nctaagtctg	ggcncttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aaatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcccttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

ctaagtctgg	cngcttggtc	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggetta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnngnangn	240
tnangccatt	agcntggtn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntggtn	tcaanatgga	tnacanatg	360
cctanttacc	cgnnctngnc	taacnagant	ntgcccaacc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tncctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttaacn	aatnaggtta	tccegnatnt	tcntgattac	ttttcttctg	cnncnngana	540
tngtgccnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gmnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnatttn	nttnnnntt	cnctnttngn	tntcncncnt	720
anttcaancn	netcttaant	ttngcnnntc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggactgttc	60
atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacacttct	tgcgtgactt	120
tttcctatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaact	tgttttcttt	gagcgtagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tgttgntcgc	tgccgtgggc	atccaaagct	gaaccanac	420
atggttggaa	ctggaaatgg	attggctaaa	gtctattacg	acccacacaag	agtcagaggg	480
gagcaaaatt	atgtgtgggt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcacccct	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaan	gacagactgg	atcccttgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccagggtc	tgggtggcga	ntttggaacc	caacngggga	cttttttttt	720
ctatattggg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cgggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

atgcggncaa	tgctggctac	tcgttctttc	cgcaggancc	cntcgattcg	ctcacctgga	60
ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	cacccacgag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcccttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctgggttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaactctc	360
gcattttcca	gcaagggtgt	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctt	540
gtcaaatggc	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgtctctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

annnnngnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnntcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	netccanaga	ctttgaagtc	tgctaccacg	180
aggagcctct	cagggactgg	ccggagatct	cctgtctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggg	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cggggnctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttggggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaa	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3352

annnnnggnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	cgggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cggggnctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttggggag	aggaaaaaaa	aaccaagttt	660
taaccggttn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaa	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3353

ttacatcanc	tcttgttctt	tttgaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacia	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacia	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctcccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaata	ggttctctta	360

ttgatgtaaa	tcagtcaaag	gatectgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctggt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	cccccccttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3354

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	ctccccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gatectgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctggt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	cccccccttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (686)

<223> n = A,T,C or G

<400> 3355

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggtcg	atntatatga	gtgatgtgtc	tgccaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataaactgtg	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtnccaggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggtcccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tgancctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgnng	480
ggtcttttaa	aaaggnaacn	gaaatcttca	ttattgcccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	agggaatttt	tntattttna	600

aagaaccttt ttngggttga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3356
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G

<400> 3356
nnttnnnttt taaagacttn canctctttt tctttntgca ggatcccatc gattcgaatt 60
cggcacgggg ggagcaaata atangccctt gtgtgtgttt ttggcagana agccatgaag 120
acaagcagat gctaataaaa gaatctgcat ctttgnttgt tattccatgt taaagggntg 180
aaataaaggt aanagaatat ttgtactgtt gttatccaaa tccatctcct gttctactct 240
ctattcaaaa taatcgtaca gtgactaaca gagctttcag accaacagta tttttatttt 300
tcattttaag ttcaggggtac caacatttct tcccatggat gttgatggac gtgtcatcag 360
agctgactct ttttcaaaaa tcatttcctc tgggttgaga ataggatttt taactggtcc 420
aaaaccctta atagagagag ttatttttaca catacaagtt tcaacattgc accccagcac 480
ttttaaccag ctcatgatat cacagcttct acacgaatgg ggagaanaag gtttcatggc 540
tcatgtagac agggttattg atttctatag taaccagaa ggatgcaata ctggcagctg 600
cagacaagtg gntaactggt ttggcagaat ggcatgtcct gctgctggaa tgtttttatg 660
gattaaagtt aaaggcttaa tgatgtaaaa agaactgatt gaagaaaagg ccgttaaaat 720
gggggtatta aagctcctgg aaatgtttct cgtcgatagc tcacttctan cccttacttg 780
agagcttctt 790

<210> 3357
<211> 686
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 3357
tgtgcncgga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60
acngtggtg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120
gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantctgn ngccannnga 180
nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaatgggt 240
atncaataaaa tggctccatg aacgtggaca agaattnnca agacctgtt ctntcagaa 300
ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
tacacatttc ctngtcttaa cnttnagga gttacaattg actaaacact tcatgattgg 420
nttcacncca tganccctna tcccanggtt tcatttgtgg acaattgctt acttttngg 480
ggtcttttaa aaaggnaacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
ggnantcaca agaagacaaa nggccgaaat tttaaagggg agggaatttt tntattttna 600
aagaaccttt ttngggttga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3358
<211> 705
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3358

tatncataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagaaga	60
gaagctgaga	cttctgcttc	cacacccct	gcaagtgctt	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccaccggac	240
cagaggggcc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggtc	420
aagcgcccag	aaacccctac	tcattgatccg	gacctgaga	ctcccctaaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgccgcang	gccctgggag	cagcttgctg	gatcgagcc	gttccacgcg	ataccaagc	600
ccagagactg	accctgctac	ctntgccggc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaaac	cttngcantg	gnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3359

tnnnnnnttt	atntttnata	caantctctg	ttctttttgc	aggatcccat	cgattcgttt	60
ggattgattc	agggagaaat	ttgcactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggacca	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgtgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtacacccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tctgactac	caggatccat	gagcttaa	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcgggac	tcctggggcc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcaccccagt	cttgccggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcattgganga	acaacttggt	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggccgtgc	ttgtccgeng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggnnt	ttntttgggn	ccaacaaccn	780
ttntggggtn	gggaaacctt	aactttgcaa	gaaaattttt	ttnaancctt	ntttt	835

<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3360

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccgtangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgetgcag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccgtangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgetgcag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccgtangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300

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nccctccgnt tgaactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg      360
gacccaggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgccanana      420
cacgtgctga ngcacacca aggccggcgg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaagg caaancccca aaaaaaggc cttgtgaagg cagganaaan acaacctntc      780

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<210> 3363

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3363

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ttatttcata aactattggt ctttttgcag gatccatcga ttccaattcg gcacgagggc      60
tgcgagggtt tcggcttttg ctccatgatg gcagcgacag aattttcggc ccccaactcc      120
tccttaccct ggtccgggtg gaggaggttg gggtagcgga agcagcttcc ggggaacccc      180
gggcgggggc ggaccacggc cgccctcccc tcgagacggg tacgggagtc cgcaccacac      240
gccgccgtac gggccccggt ctaggccgta cgggagcagt cactctccgc gacacggcgg      300
cagcttcccc gggggccggt tcgggtctcc gtccctggc ggctaccctg gtcctactc      360
caggtcccc gcgggggtcc agcagcaatt cggctactcc ccaaggcagg annanaanca      420
nccncanggt tntncaagga catntacacc atttgatca nggcgtntta naaaaaaaaan      480
aatgttaatg anttgaaaa ntatttnaaa gcctttnaat gntttnnnna atccttnggg      540
nttggcctta naaanccaan attntngtng gngggntntt aanncennnc aantncnnnn      600
nnattncntt naaaacnttt nnnccanggn cnnaaaaaaa nggggnaann aaaaaacttt      660
tttnnttnaa nnantttttt tggaaaattt naaancntng gaaaancntt tnnntngttn      720
ntnangggaa annantnttt tgggnncnaa aaaacntttt naannntnn nggttnnnan      780
nnnttaaaaa ntttnnnccc ccaannnnnt nnanngnanc ttttnnantt ngggantaaa      840
nttnnnnnna nggggnnttt tttngnnna atttnnnnnn annnnnnnan nnangggntt      900
ttngnnngna annntnn

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<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

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ttaatataca tacanctact tgttcttttt gcaggatccc atcgattcga attcggtacg      60
agatcagagg aggtctcttc atccttcaac tccatgatga actcctatat gaagtggcag      120
aagaagatgt tgttcaggta gctcagattg tcaagaatga aatggaaagt gctgtaaaac      180
tgtctgtgaa attgaaagtg aaagtgaaaa taggcgccag ctggggagag ctaaaaggact      240
ttgatgtgta actgtgctgt tgatgaagtc ctcccaggga agcctgtgca gatgcagtca      300
cctggaaaga acagagatta ccttttcacc tacctcagca aaacaaactt tcaagtcttg      360
atagacttag cctagtaatt ttatagttag agtttcaaac tatatatcag tgtctatagc      420
atcaaaaact tctggggggc tgggggaagt agaataccaa gtataatagt tacattcact      480

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ttcaaagagc atctatgaat ttgccttttg tacttactgt ggcttttaaac atattcagaa	540
cagatgcttg aaatatgcac ttagcacttt ggttnccacat ctgtctgggt aaaccatgaa	600
gaaaatgaac tgctgcctca atcgacccag acagcaccat aggcagataa agaattggnt	660
tcaccctggg ggtggtaggc atcgcggtgtg actttttttt ctctatatca attttcagta	720
cgggaatagt attttaaaat agattggctn ataaattatg aatctttaag tagtagan	778

<210> 3365
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3365	
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tcctctgatt cgaattcggc acgagggggc aaaaagatga ccgaaattca aactcctgaa	120
aatactcttc gtttatttga tttagtataa gtanaagatg agaaaattcg ccaagctttt	180
tattttgctt tacgagatac cttagtagct gacaacttgg atcaagccac aagagtagca	240
tatcaaaaag atagaagatg gagagtggta actttacagg gacaaatcat agaacagtca	300
ggacaatgac tgggtggtga agcaaagtaa tgaaaggaag aatgggttcc tcaacttgta	360
ttgaaatctc tgaagaagag gtaaacaaaa tggaatcaca gttgcaaaac gactctaaaa	420
aagcaatgca aatccaagaa cagaaagtac aacttgaaga aagagtagtt aagttacggc	480
atagtgaacg agaaatgagg aacacactta gaaaaattta ctgcaagcat ccagcgttta	540
atanagcang aagaatattt gaatgtccaa gttaaggaac ttgaagctaa tgtacttgct	600
acagcccctg acaaaaaaag cagaaattgc tagaagaaac gttgtgcttc aaacaaatat	660
gatgctgtgg ctgagaagct gtaaagtaaa actgagttaa ccttcccata catcgtgaat	720
atatctactc aggcacagca cttgtaataa tacataatat gnttg	765

<210> 3366
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 3366	
ncttnaagcc cttttaaanc cgttcgaccc atcgatccna ntcaggancc aancnanatc	60
naatctgnac gaaggaaccc ccnctnttga gcnnaaactn nncncttntt ggggcaanag	120
ggtggactgg gnnnnangng nanagagaga acgcanggcc annaaggana gaaaaccntt	180
cagcanctca atnaactgcg ggccaagana tctaccgctc tcccttctcn cacaagnacc	240
attggccttn nnatcngaag catttgacaa aaacttgctt gtttgggcct gtcacctcct	300
gaaaggctgn tttagntgtg gatgncctng attaaggag agagcaccta ggagctgcct	360
gccccagctg gggtagcggc ttagggctg ggtctatgtt gcaagcccta tatcctagcn	420
tgacnggaa agtgcttagc tntgtncctg ctgacctctg ggcagncant catcaaanca	480
nanagacgtg gcngcntgtg ggcagcatgc ccaantnctt tgcttgactn agcactnatt	540
tctggtagnn tnaaaaaaaga attnaangtt tnttggggnn ntttttttgg gggngttga	600
ggggtgggccc aaaaacatgg ggggtagnnt ttgagttgtt anaaaatgtn tntgaatcaa	660
nntntntntt nnaaacacga tttgcctttt taccattat aaagatgggn cttatnacc	720
acngnactgg ataaaccttt ngggtttttt ttggtntgga nttggttctt tnaaaaaatt	780
taccaattc atgcctnng gntnccn	807

<210> 3367
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3367
gnnnnnttttn nnnntntaaa cccttnagct actcggttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tectaccct 120
tccctgttct gcctctttaa ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc 180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
tgtcatgtgg tgagtcaaat aagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagttgg 480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
acagattttt tgggtacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat 660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt 720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
aaggn 785

<210> 3368
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3368
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cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tectaccct 120
tccctgttct gcctctttaa ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc 180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
tgtcatgtgg tgagtcaaat aagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagttgg 480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
acagattttt tgggtacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat 660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt 720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
aaggn 785

<210> 3369
<211> 1000
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1000)
<223> n = A,T,C or G

<400> 3369

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
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aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gcccaaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccaggg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggcct	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcttag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
<211> 1000
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1000)
<223> n = A,T,C or G

<400> 3370

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
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aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gcccaaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccaggg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggcct	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcttag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
<211> 924
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3371

annnnngnnnn	nnnnnnnnnnn	annagnnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtgga	120
anatannngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	atnttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	ngtgcantg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cggggnctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacttg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnant	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	annng				924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aagggttnca	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gacttnttta	180
gacaaaagtn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatgggtng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncaactca	480
tntggtgcaa	agtgcccng	gcaccaacng	ngncnnggtn	ctcanccaca	accntgctnc	540
ctctgagatn	cacnnccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttncctntt	ttgtancctg	660
ccaannatc	ccgtcaaagg	gnngtggttn	tctngcta	ttcccaccag	ntggnttann	720
nttaattccn	ctcagggnac	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (869)
 <223> n = A, T, C or G

<400> 3373

atttcaaaaa	ctcttgccctt	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	ggtggccaca	cccaggaggg	tagtggnag	ttagatttna	120
gagtccaggc	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtgggtggtt	180
tatanangga	taaataaata	ataaacattt	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	ccccggttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcaccaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggcccacac	tggtnatgat	gccacacctt	nccatgttca	cnetgttttg	420
aaaaanncct	tttnttttcc	tcttttaaa	agaaaacatt	ganaaagatt	ttttttttta	480
atgggcccgc	ccnaaaagg	agatctnccc	ncccttgat	atnatantnn	tgaccctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttntttt	tcncgnggtg	gtgggggaaa	600
aatttttctc	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tnngggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaaa	anttttttnc	cccccttgga	ngccttttan	tttcccccc	aaactttttt	840
tttttccctt	ccaaccnctt	ttattcttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1128)
 <223> n = A, T, C or G

<400> 3374

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttgggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttnttttt	tgggcccang	gggnnagccc	ncncgnncc	180
cggnnanggg	ggcngggggg	gnaggggccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cggccccccc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcngg	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncc	ggggggnggg	aggggcacag	ggggaggagg	ncttngggng	420
ggngagcgca	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
ngnccacct	acnnggggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccng	ngctaggncc	ancntggggg	agggagcngg	ccngaacagc	nggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gnngggggacc	cnagnnaaaa	nnctgtnggc	720
aagngggacg	tnnggggngn	nnctgggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gngncactgg	nangcaggga	gagccgagga	cggnnagngc	gnngntgagg	gnacgncng	840
gangacgtgc	caggnaaccc	nggggncngg	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcgnggnnn	agggcannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cgggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgnccggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gnngggggnnn	nnnnnnnggg	gnggggggnnn	ggcgnnnggn	ncgncggnnn	ancnnnnnnn	60
nncnnngggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttgggccnaa	naaacccagg	120
gcccttacct	nggggncccc	cttttttttt	tgggcccang	gggnnagccc	neencgnncc	180
cggnnanggg	ggccnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggnggg	aggggcacag	ggggaggagg	ncttngggng	420
ggngnagcga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnggggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccng	ngctagngcg	ancntggggg	agggagcnnng	ccngaacagc	nggggggnnc	600
tggngagcaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggng	gctgggacan	gngggggacc	cnagnnaaaa	nncgtgnggc	720
aagngggacg	tnngggngn	nngctggata	agggncgcaa	ggtaccnagn	cggnncagg	780
gngncactgg	nangcagga	gagccgagga	cggnnagngc	gnggntgagg	gnacgncng	840
gangacgtgc	caggnaacc	nggggncng	ggcggnnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcgnggnnn	aggcgannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntggggccn	ganggcatgg	ncgngcncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atTTTTTTca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtg	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attatttttg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tgttgtcatt	gatataaacc	tgtttggttc	agcaaacaaa	ctaaaatgat	600
tgtcataaga	caggggtttt	atTTTTcctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccctta	aaaaaggngc	cggcattcca	720
attcaaaata	ttttcgtcct	ggatttnaaa	cctgggtggg	gtaatgctaa	ttaaaaattc	780
cttcagttaa	ttt					793

<210> 3377

<211> 828

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377

tcccttttng	aaagctttaa	acctttttta	aacctttcag	ctcggnccc	attgengann	60
cnatctantc	nnngccggcn	ccgcnengnn	gtntnnccatt	nataaanngc	ttgaanatna	120
tgatgtngcc	ntctagnnac	nnagatttga	ntccgnttan	ngaattgtga	aatntgcnc	180
ggaagaaatg	ttnnctttna	tgatagctcg	tgnatggaaa	aaagngcact	gnatttatta	240
cacaaactta	cnaatgcttn	acttctttac	acaacatnng	tnaantnata	tttgggntat	300
tgcatnctat	naacaatttg	tgnatgnntt	aanatgggtg	tnatnactnt	gntnnncgnc	360
annntgtttt	taacnnatan	tggccctaaa	atatgggtgt	gcttatataa	tcgcttactt	420
ctgggnactgn	aacngnnnta	cngaggacag	ntgggntttt	aacctctctn	ttgnacgttt	480
gccngaccta	cntggnetan	tatggattct	aaaagtactt	caatgnnctt	annaagaaac	540
atatecttgn	ggngtattta	gatgcttttt	gattataccc	acacaatncc	tgaggggaca	600
ttttggggcn	tngaataata	aacanttnna	tntccactta	ncatctgccc	ccngnggta	660
agttactatt	ngttngcng	gtacaactaa	atnncttttc	ccantntttt	aattgggaaa	720
taggggagaa	tnnctangnc	tttantggnt	ggtnctgggc	ctcaatggac	natnnaacaa	780
ttgnnaaana	caaatntgta	aatcccggaa	ttcctnataa	aaaaaant		828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378

nnnnnnnnntt	nnttttnata	tacatncagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgctgacaac	ttgattgggt	tctccttcag	gtttgaagcg	ccctcgagaa	gtgtctaaag	120
gagacagtgt	atagccaaac	aacagttttg	gattcactga	ctgattatga	aagaagcagt	180
agactgggtat	caagaatcag	tcagcaagga	ggccctcacc	agacgccagt	gccatgttct	240
tggacttctc	agcctccata	ttcatgaact	aagtttttgg	aatccttagg	cttccngtgt	300
ggaaagcctg	agctaacctt	ctggaggatg	agccatcacc	tggagcagat	tcaggccatc	360
ctagttgaag	cctccctagg	ccaagcaacc	gtccaactac	cagacattga	ccattcagcc	420
ttgaacattc	agcaciaaaga	caaaacagac	cagaccagaa	gagtcaccaca	gaatagggga	480
aactattcag	agaaaactta	agccactaag	ttttatgggt	ttttgttctg	tagcagaagc	540
ataggcatac	tgacaataca	aaccgaaatc	cttctaactg	agtggacctt	ttcaggccac	600
atTTTTtnt	tgaaaacctg	gagcatgtat	catcttatag	cagagatcac	tttcacaatg	660
tttgggctct	tgatttgaat	tgatgatgta	atgagccctc	tatncagatg	nnactaatta	720
ctctgcgaat	tgactgggat	tcacaccctt	ctaataat	acttttctct	ttttatcaac	780
tctcattctc	gct					793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (686)
 <223> n = A,T,C or G

<400> 3379

tgtgcnegga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggtg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataanctgtg	ngccanngga	180
nancgagatt	atagtagacg	gcntgcagcc	tgtncagggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcattgattg	420
nttcacncca	tgancctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctgtt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	agggaatttt	tntattttna	600
aagaaccttt	ttnggttggg	nnaaaaacat	aatttgagcn	ttcnctttt	nagaattccc	660
ctaacatctc	aggttgggtg	ggngng				686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3380

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggttncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gacttnttta	180
gacaaaagtt	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancngggnnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcattggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcattgtgat	tgtncactca	480
tntggtgcaa	agtgtcccng	gcaccaacng	ngncnnggtn	ctcanccaca	acctgtctnc	540
ctctgagatn	cacnncccnt	cancctccga	gtaangagtt	gcntacaaac	tcattcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnngtgtttn	tctngctaatt	ttcccaccag	ntggnttann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnggggntt	780
ttggaagcn						789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

<400> 3381

naacacttng	ctacnngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggag	60
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atctctggga	tgtcagtgag	gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	120
cccaccatgt	cccaggtgat	gtccagccca	ctgctggcag	gaggccatgc	tgtcagcttg	180
gcgccttggt	atgagcccag	gaggaccctg	caccagcac	ccagccccag	cctgccaccc	240
cagtgttctt	actacaccac	ggaaggctgg	ggagcccagg	ccctgatggc	ccccgtgcc	300
tgcatggggc	cccctggccg	actccagcaa	gccccacagg	tggaggccaa	agccacctgc	360
ttcctgccgt	cccctgggtga	gaaggccttg	gggaccccag	aggaccttga	ctcctacatt	420
gacttctcac	tggagagcct	caatcagatg	atcctggaac	tggaccccac	cttcagctg	480
cttccccag	ggactggggg	ctcccaggct	gagctggccc	agagcaccat	gtcaatgaga	540
aagaaggagg	aatctgaagc	cttgggtaag	gatttggggc	acagtaccag	gaggggggct	600
tggtgccaga	cctcatgagg	aagaaggatt	ttcctatgta	cagagaaggg	gaccctgtc	660
ctggtgggan	gtgctgtgca	aacctaacca	aagttactaa	cccctctggt	ttctgngggt	720
acacaaangg	ggataaatac	aaagctttnc	ctnaactagc	caattctatt	tgggtttcct	780
gagt						784

<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3382

aaccaccagc	tacttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagtga	60
agttcaaaca	gaaattgcat	tggtattaca	gagaaagcaa	gaactagttg	cagaactgga	120
ccaggatgaa	aaggaccagc	aaaatacatc	tcgcctggta	caggaacata	aaaagctttt	180
agatgaaaac	aaaagccttt	ctacttacta	ccagcaatgc	aaaaaacaac	tagaggctcat	240
cagaagtcag	cagcagaaac	gacaaggcac	ttcatgattc	tctgggaccg	ttacattttg	300
aaatatgcaa	agaaagactt	tttttaagga	aaggaaaacc	ttataatgac	gattcatgag	360
tgtagctttt	ttggcgtggt	ctgaatgcca	actgcctata	tttgctgcat	ttttttcatt	420
gtttattttc	cttttctcat	ggtggacata	caattttact	gtttcattgc	ataacatggt	480
agcatctgtg	acttgaatga	gcagcacttt	gcaacttcaa	aacagatgca	gtgaactgtg	540
gctgtatatg	catgctcatt	gtgtgaaggc	tagcctaaca	gaacaggagg	tatcaaacta	600
gctgctatgt	gcaaacagcg	tccatttttt	catattagag	gtggaacctc	aagaatgact	660
ttattcttgn	atctcatctc	aaaatattaa	taattttttt	nccaaaaaga	tggtatatac	720
caagttaaag	acagggtatt	ataaatttag	agtgattgnt	ggatattacc	ggaaa	775

<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1044)

<223> n = A,T,C or G

<400> 3383

naacgcnnge	tacttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcccc	60
ggctggttag	cggtggtata	ctacgggtcaa	tgctctgaaa	tctgtggagc	aaaccacagt	120
ttcatgccca	tcgtcctaga	attaattccc	ctaaaaatct	ttgaaatagg	gcccgtattt	180
accctatagc	accccctcta	gagccaatan	annaantnat	nntnnnaanc	ncnnnanent	240
ananaanc	nanctttan	aactntnnng	agtcntnnn	annnnnatnc	anacatgntc	300
ncatacatcn	cttatttttg	ncnnnccnnn	cctnnanngc	ncnnnnanan	angcnntntt	360

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ntcaaattnn nnnnnnnncg nnnnnnnntc nnnccatnnc nnnnnnnntc tacnnatnnc      420
nnntnctac nnnntcnnntn cnttnnaann tntccncc ntnncngnnn nctnnnnnt      480
tnnnntnnnn nnnnnnnncn ntctnncc cnnnnntcc nnnnnnnncc nnnntcnnnc      540
tnnnnnnnnc nnnntnnntn tnnccnnnn nnttnntnnn nnnntnccnnc nntnnnnnt      600
nnnnnnnnnn nntnccnnnn nntnnnnnn nnnnnnnnnn tnnnnnnnnn nntnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nntnnnnnn nntnnnnccn tnnnnnnnn nntnnnnnn      720
nnctnannnc nnnnnnnctn nnnnnnnnn nnnnnnnnn cnnntcctct cnnccnnntn      780
tatcnnnna nnnnnntn nnnnnnnnn nnnnnnnnn ntnnnnnnn cnnnnnnnn      840
nntnnnnnn cnnntnccn tnnnnnnnn nnnnnnnnn nntctnnnn nnnnnnnct      900
nnnnntnctn nnnnnnnnn nnnnnnnntn tctnctnnn cnnntnnnn cntnccctac      960
nncctnnccn cnnccnnnn tncatnnctn nntnctnt taccttta nccnnccncc      1020
cttnccnatn acncaatncc nctt      1044

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<210> 3384
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

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<400> 3384
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360
cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca      420
tggtgggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa      480
cttgaaggt ggaggttgca gtgagctgag atcgaccac tgcactccat cctgggcgac      540
agagcaagat tgtctcaaaa taaataaata aataaataaa taaagttaaa aaanaaaaaa      600
aaaaactcga gcctctagaa ctatagttag tctgtattac tagatccaga catgataaga      660
taattgatg agttcggaca aaccacaac tagaatgcan tgaaaaaaa tgctntattt      720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt      780
aaa      783

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<210> 3385
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

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<400> 3385
tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360

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cagcctgacc	aacatggcaa	acccccgcgt	ccactaaaaa	tagaaaaaaa	tagctgggca	420
tggtggtgca	cccctgtagt	ctcagctact	tgggagacag	aagcaggaga	attgggtgaa	480
cttgggaaggt	ggaggttgca	gtgagctgag	atcgaccac	tgcactccat	cctgggcgac	540
agagcaagac	tgtctcaaaa	taaataaata	aataaataaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagtgag	tcgtattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaac	tagaatgcan	tgaaaaaaa	tgctntatgt	720
gtgaaatttg	tgatgctatn	gcttttatgt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3386

caacgctngc	tacnngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcaaa	60
gaggtacaga	gtgaagacag	tgtcctcctg	tttggtattg	catggacgat	cacggaaatc	120
atccgttact	cctttttatac	attcagtcga	ttaaaccatc	tgccttacct	catcaaatgg	180
gccaggtaca	cacttttcat	tgtgctgtac	ccaatgggag	tgtcaggaga	actgctcaca	240
atatatgcag	ctctgccctt	tgtcagacaa	gctggcctat	attccatcag	tttaccacaac	300
aaatacaatt	tctcttttga	ctactatgca	ttcctgattc	taataatgat	ctcctacatt	360
ccaatttttc	cccagttata	cttccacatg	atacaccaga	gaagaaagat	cctttctcat	420
actgaagaac	acaagaaatt	tgaatagtgc	ctgctttctg	cacctccac	caaaacaaac	480
ttttcaatga	tcaaaaaatg	ctgcagattt	tttgagttcc	caatacgttt	catgaaaaat	540
aagtaagaac	tattttttaa	atattcaaac	aaaactaaaa	caaaaatcca	gtgtcacatg	600
ggcctgagat	tttattttag	aaaaagggtg	ttacataaaa	cacctgggcc	agttcatttc	660
agcatgctct	ttcaaccaga	agttcttaat	atttatgatg	gcactagaaa	gggatttggc	720
attttatgtc	cttctgtgtc	cttcatgtat	ctgatcaatg	aagacctgta	ccactaan	778

<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 3387

catanagntc	ttgccttttt	gnaggacnct	cgattcgaat	tcggcacgag	ccccatctt	60
cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	tagaggaagt	120
agattagtgg	ttgcttcggg	atgggaggaa	tggaagatt	gaggtctttc	ttttgcagtg	180
ataaaaaatg	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	tgtttaagac	240
cattgaatta	cacactttac	gttggtgaat	tgtatggatg	taaattatag	ttcaataaca	300
tagttacaaa	agataatcaa	aagcatgaaa	gcactgttga	tgtggnttgg	atctgtgtcc	360
tcaccgagtc	tnatgttgaa	atgtaagccc	cctgggtggga	ggcgatggga	ttatggggca	420
gantcctcac	aaacgggtta	gcccacccgc	tcaggctgtt	ctcctgatat	tgagtcctca	480
tcacatctgg	ttgcttcaaa	gtgtgtggng	ccttccctct	atctcctact	gctctggcca	540
tataagangt	gcctgcttct	ccttcgcctt	ntacatgatt	gtaaagtttc	ctgagcctcc	600
tagaacnaaa	gctgctgngc	tttctgtcca	tctacangan	cgtagcccca	attaacacct	660

tttttttttt tttnngaggnn ntttntntnc nntecnnnca ntttnanann cctngnanng 720
gttttnaaaa anaananngn naannnnnnnn nccccccngc ccttttataaa taaaaa 776

<210> 3388
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 3388
tatacataga gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60
gccatcttgc tatgtttccc aggtctggtt tgaactccca gcctcaagca atcctccctt 120
tccgcctcag cctcccaagt ggctggggtt atgggcctga gccactacac agctaagagt 180
gtcttgtatg tgctaattgag atggctggtg tctgagagcc cctagagagc ttcaagatgg 240
gggctagtct ttagaaagtc caagcaatgg ctaggtatgg tggccactgc ctgtaatccc 300
aggagtttgg gaggccaagg tggacagatc acctaggagt ttgagaccag cctggccaac 360
atggcgaaac actgtctcta ctaaaaagac aaaaattagc aagacaaaaa ttagctgggc 420
ttggtggtga gttcctgtag tcccagctac ttgggagggt gaggcaggag aatcacttga 480
acctgggagg cagaggtttc agtgagctga gatcatgcc a ctgcacacca gccgcctggg 540
tgacagagca agactccatc taaaaaaca aaaaagtc gattagaggg ttggaacttt 600
cagcctttcg gcctctgctt cttgtcccca cctntgggca naagggaagg gctagagatt 660
gaattatncc aatggccaat gatttattta atcaatatga aaccttcata aaatccccta 720
agtgataaag ttcanagagc tttcaagttg gtaaagcttt tctangtgct tgggaagggn 780

<210> 3389
<211> 815
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

<400> 3389
gnnnnntnt atacatcagc tcttgtcttt ggggtccctc gttcgattcg gcaagagtaa 60
gaatccccac ccccatcaat ttccaggaat gggatgggtc agtaaggata acctttgtta 120
ggaaaaacaa gacactctct gctgcattta aatcaagtgc agtgcaacaa ctcttggaaa 180
aaaactacag aattcactgt tcagtcacata atattataat accagaagat ttcagcatag 240
cagataaaat acagcaaate ctaaccagca cagggttttag tgacaacggg cccgttccat 300
ggacatagat gacttcatca gattgtctaca tggattcaac gcagaaggta ttcatttttc 360
ctaggatatt ggaaaacaga aattttcaag gtcaagaaaa gaaatgaatt ttgtattttt 420
tgtatttgag aagataatgc ttttgcctta ctgagacatt atttacttga ctatttttgg 480
ttcaatacta ctactggtgt caccatttat gattctgaat ttaaagttgg gaaaggtcta 540
agtatcaaag tttttaatat ataagtctgg tccaatctat tcataataat cttcaagggtc 600
agggagcccg cagagaccca ccaacttttn cacttatcat ttctaacagg ttattggata 660
aagaangtan ctcttctatt taccgggnat atacctggna aggccttntt tnnngncctt 720
tagctctggt tcctccnggt aattaaaaaa gggttaaaaa atggaaaaaa aaaaaaaaaa 780
aaaaaactcc gngggcctnt agaacttttt gggggg 815

<210> 3390
<211> 857

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (857)
<223> n = A,T,C or G

<400> 3390
tcaacngctt ggctancgtt ctctttgcag gatcccatcg attcgcgtct canacaannn 60
aagtatncta cccatccaca ggcagcagac aaggaagtac cttctgtgac tgnctggcaa 120
ggtcagaggc atnagggaag gtaaaantact gnaactatat tnntaaaaat aaaagtattc 180
cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaatt 240
accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300
nccccctttt cggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360
taaantggng aantnaccce ctttccctttt acaancgggt ggcntcntna naccancaca 420
aattntntgg caccggggtg ctctnnacag gnaaccctgn naancaaana aacntggng 480
tctgcaactn ngnggccan ntctnccggc ttgntntaaa atgactntgn cntncccttt 540
ttaaatttca caaatntttt anccnctaca tanacatatg aagtagnaa cccncanann 600
gaanattnan aaaacntccc agccnctttt taactactan tngagnnctn tttaatnttc 660
tnatccccnn aannttggtg atggangccc attcgtttnn cacctttttg ganganaatc 720
ccnccacct tctnaataa tctnntnga ataaaaaaa cccccctcat attattcnnn 780
caanaaantn tttnnnanna cnnccanggn gggctcctt tttngcccn cnccttttna 840
nncacntcn ntanaaa 857

<210> 3391
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (857)
<223> n = A,T,C or G

<400> 3391
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aagtatncta cccatccaca ggcagcagac aaggaagtac cttctgtgac tgnctggcaa 120
ggtcagaggc atnagggaag gtaaaantact gnaactatat tnntaaaaat aaaagtattc 180
cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaatt 240
accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300
nccccctttt cggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360
taaantggng aantnaccce ctttccctttt acaancgggt ggcntcntna naccancaca 420
aattntntgg caccggggtg ctctnnacag gnaaccctgn naancaaana aacntggng 480
tctgcaactn ngnggccan ntctnccggc ttgntntaaa atgactntgn cntncccttt 540
ttaaatttca caaatntttt anccnctaca tanacatatg aagtagnaa cccncanann 600
gaanattnan aaaacntccc agccnctttt taactactan tngagnnctn tttaatnttc 660
tnatccccnn aannttggtg atggangccc attcgtttnn cacctttttg ganganaatc 720
ccnccacct tctnaataa tctnntnga ataaaaaaa cccccctcat attattcnnn 780
caanaaantn tttnnnanna cnnccanggn gggctcctt tttngcccn cnccttttna 840
nncacntcn ntanaaa 857

<210> 3392
<211> 956
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(956)
 <223> n = A,T,C or G

<400> 3392

ccctcanecn	ncnnaacann	nctcnannnc	tennatctta	nctttcnmna	tcnantantc	60
ncganannnn	tnccctccnn	atnntaccna	nttancttac	cncctcnmna	acnnctannt	120
tnaantnntt	ngnnncccn	tnnttantnt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattgggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgtat	gagttcaagt	420
tgacaaggag	tggatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtn	tcccaaanga	gaataacatt	540
tgagtcanng	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangccnga	aaacntgaaa	aggctagaca	660
ggccttttagc	ctctcagcc	ctacatcttt	ctcccgtgct	tggatgnttc	ctgncctcaa	720
acnccanact	tcaagtncct	cancttttgg	gacttgaacc	tggctctcct	tgntcntnaa	780
ntttgnatca	cnggcttatt	tgngnggnac	cttanengtt	nagttcnaat	acctccnaa	840
ttaaacncnc	ttttctntac	ananaactccc	nctnaattcg	naccctntta	naantnatag	900
tgancccnca	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3393

caatgctggn	ctaagctggt	ctctngttct	ttcgcaggat	ccctcgattc	gaattcggca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaagaat	gtcctaataa	ttctccctgg	120
gattaagtaa	cacagtgtat	gatattagt	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	aggggggttt	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaaat	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tcctgaaaag	gctgggagaa	420
gagcatccaa	agcacagggt	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgttagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	cagggtggat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3394

atgntggnc	aatgcttggc	tactngttct	tttngcagga	tcccatcgat	tcgcagcgga	60
tggccgaaaa	tctaggcttc	gttgggcctt	tgaaaagcca	ggctgcagat	caaattacga	120
agctgtataa	tctcttctctg	aaaattgatg	ctactcaggt	ggaagtgaat	ccctttggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaaagat	aaactttgat	gacaacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaataca	taggactaga	tgggaacatt	gcctgctttg	360
tgaatggtgc	tgggctcgcc	atggctactt	gtgatatcat	tttccttaat	ggtgggaagc	420
cagccaactt	cttggatctt	ggaggtgggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgctcac	agctgatcct	aagggtgaag	ccatccttgt	caatatattt	ggtggtatcg	540
tcaactgtgc	catcattgcc	aatgggatca	ccaaagcctg	ccgggagcta	gaactcaagg	600
tgccctgggt	ggtccggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

gnnnctaattg	ctggctattg	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	120
cactgcctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgcag	tgggctggcg	180
cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggccccca	gggcaggtca	300
ctctgagcac	caccagacc	taggccctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gcccccgagg	tggcccccac	gcggacagcc	cctgaacgct	tcgccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactgggtt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttgggt	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggctttgg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

tttcaacgct	ggctactngt	tcttttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ttatgtctgg	ctgtagctgt	tggtcacgtg	aagatgacag	acgatgagct	tgtgtataac	120
attcacctgg	ctgtcaactt	cttgggtgtca	ttgctcaaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnanccttct	ccatntacna	nnannttant	nactacannt	cncatcnnc	420

ttatctttcta	ataccnacc	nennatntna	ccatctaccc	tntnctcaac	cntccnctn	480
natnctcttn	ntccccn	ncacctcnc	nentcnantc	ctntatannt	ttctccctc	540
ncctcggnn	ctnngtncnt	tntctactgt	tntctntnta	nnetctcttc	tctnnetctc	600
ntnctntct	nnancnttnt	tnnccnctcn	gctcnncnct	ctnnctcttc	tatcttcccn	660
tntcncaen	ctctcatgca	attnnacnnt	cncnctnca	ncnatngac	tncnctctnn	720
atctntctgc	atcactnanc	nncnnntnnc	ttctctctac	cnncantctc	ttntnnnnnt	780
nnnnccnncn	cttatnacnn	nncnnntnt	ntnnnnactc	nntntntann	nnntnncann	840
nntnnnctc	tnnncnntnn	ntnctnntnn	nnncttntnt	nntaccnaa	nnnnnnnnncn	900
nnncnntna	nntnnnatna	ntnncatnnc	ctcacntatn	nnetctcnnn	nanannncnc	960
nctccctnnn	nnatnnctcn	cttnacatac	tctctatctn	nnncnaccnc	tacnancanc	1020
tnntntnct	nnnnntana	cncttnnnna	tntnngctct	cnnnnnncac	nctnttctnn	1080
nantnatctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

tttnnnnnntn	tnaatccctt	ngctaccncc	ntttgatnga	catacancta	cttggtctttt	60
ttgcagggat	cccatcgatt	cgaattcggc	acgaggaatc	accctcggct	gggaagtcag	120
ttegnnetct	cctctcctct	cttnttgntn	gaacatgggt	cggactaaag	cagacagtgt	180
tccaggcact	tacagaaaag	tggtggctgc	tcnagccccc	agaaaggtgc	ttggttcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnnng	300
aggaaccccg	tttgcggtgc	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
aggttgctcc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aatgatgaa	480
aaagaatata	actttctcat	tcatntntgn	ataacgnctc	cttggtttacc	ctgggtattct	540
agaatgtaaa	tttacataaa	tgtggtttgt	ccaattagct	ttggtgaaca	agcatttaaat	600
tnaaaaantt	acgttttaaat	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnngta	660
agactaatta	tggnaactta	gcttagtatt	caatataatg	cattgggtggg	gtttcttttta	720
cccaaattaa	gggggtctagt	tctttgttaa	aatcaagnca	tttgcatattg	tggttctaaa	780
tacaagtatt	gttgcntttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

nntnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tgggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataaac	tggaggctcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtag	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctgg	360

cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatgggtgga	agaaacagac	420
agtggttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatcaagaa	600
ctccttttcc	tgaaacgttc	ctnctttttt	agtgcctaata	taataactt	acttaccnng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3399

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (810)

<223> n = A,T,C or G

<400> 3399

canctcttgt	ctttttgcgg	accctcggtc	gaattcggcc	gagtaagaat	cccccccca	60
tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	tgtaggaaa	aacaagacac	120
tctctgctgc	attttaaata	agtgcagtgc	aacaactctt	ggaaaaaac	tacagaattc	180
actgttcagt	ccataatatt	ataataccag	aagattttcag	catagcagat	aaaatacagc	240
aaatcctaac	cagcacaggt	tttagtgaca	acggggcccg	tccatggaca	tagatgactt	300
catcagattg	ctacatggat	tcaacgcaga	aggtattcat	ttttcctagg	tatttggaat	360
acagaaattt	tcaaggtcaa	gaaaagaaat	gaattttgta	ttttttgtat	ttgagaagat	420
aatgcttttg	ctttactgag	acattattta	cttgactatt	tttggtcaat	actactactg	480
ntgncaccat	ttatgattct	gaatttaaag	gtggaaaggt	ctaagtatca	aaggttttaa	540
tatataatgc	tggnccaatc	tattcataat	aatcttcaag	gtcaggagcc	cgcagagacn	600
cncaactttc	cacttatcat	ttctaacagt	ttattgnata	aaggatggta	cctctttcta	660
ttttaccnng	naatatacct	ggaaagggcc	ttcttttang	gnccttttaa	cctctggggt	720
ccctcccggg	naattaaaaa	aaggttttaa	attnttgaaa	aaaaaaaaa	aaaaaaaaa	780
cctcgggggg	ccttttaaaa	actttttggg				810

<210> 3400

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3400

gnnttnann	cnttttnatn	cnctnncagc	tcttggttct	tntgcaggat	ccctcgattc	60
ganttcggca	cgaggtgagg	ctctcttaan	aaatttaaaa	atactgnnga	acaaagggag	120
gagtttgctc	taatctggag	tggaggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaatctt	tcactttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnnagt	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgctctccca	aaaagttttc	360
aggaggtctc	anatttgtac	atttctttta	anggganaag	acagtgaggc	anatgggtat	420
gtttttgtga	gactcttant	tagtgtcccn	tgaatctaaa	ctntntggaa	nataggggtga	480
acactgnaag	ancagggagt	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgcccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660

taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg 720
 ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

<210> 3401
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3401
 gnnttnannc cnttttnatn cncntncagc tcttgttctt tntgcaggat cctcgcattc 60
 ganttcggca cgagggtgagg ctctcttaan aaattttaaaa atactgnnga acaaagggag 120
 gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa 180
 agaaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa 240
 tnanagactg aggcattgagc ttcaatcaat cgangttttac tggccnagat tngagcntgc 300
 ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc 360
 aggaggctca anatttgtac atttctttta anggganaag acagtgaggc anatggttat 420
 gtttttgtga gactcttant tagtgctccn tgaatctaaa ctntntggaa natagggtga 480
 aacttgnaag ancaggaggat gacataanaa ccaattatgc nacacgtctc atgttacgtg 540
 gaggaatgan gntctcatct tatccttggt ctgcccctgn gcagataaac ttgttattga 600
 cattgtcagt ntgaaattta acagactttt gtttttangag ttaagtttan ggtgcacacc 660
 taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg 720
 ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

<210> 3402
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3402
 gnttttnnnnc nnttttaatn tacatacanc tacttgttct ttttgcaggg atcccatcga 60
 ttcgaaattcg gcacgagggg acccccacca ttaagctaaa gtaaaaccct tttgagggaa 120
 gagggagact ggggagaagg gaaaagagag aaggcagggg gagtagggag agaaaacctt 180
 ccagcagccc agtaaactgc gggcgaagag atctaccctg ctccctccct cccacagtta 240
 ccattggcct tgatcatcga agcatttgac aaagaacttc ttgtttgggc ctgtcacctc 300
 ctgaaaaggct gcttttagctg tggatgcctt tgattaaggg agagagcgcc taggagctgc 360
 ctgcccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcctan 420
 catgcagtgg aaagtgccta gctctctccc tctgacctc tgggcagcca gtcacaaag 480
 cagagagacg tggcggcatg tgggcagcat gccagggttc cttgctgact cagcacttat 540
 ttctgtagtt ttaaaaaaaga atttaattgtt tttggttgta tttttttggg ggggtgaggg 600
 tgggcaaaaa catgggggta gttctgagtt gttagaaatg tttctgaatc aagtttggtt 660
 gaaaacacgt tgtgcctttg taccattat aagatggtca taanaccaa gaactgataa 720
 gctttgggtt ttttttggtt tgggttggtt ttttgcttca ttttaccat tcatgcctag 780
 ggtttccat 789

<210> 3403
 <211> 778

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

<400> 3403
gntttaannc nnttttaata tncatncanc tacttggttct ttttgcagga cccatcgatt      60
cgaattcggc acgaggggaac cccaccattt aagctaaagt aaaacccttt tgaggggaaga      120
gggagactgg ggagaaggga aaagagagaa ggcagggaga gtagggagag aaaaccttcc      180
agcagcccgag taaactgcgg gcgaagagat ctaccctctt ccctccctcc cacagtacc      240
attggccttg tcatcgcaag catttgacaa agacttgctt gcttgggcct gtcacctcct      300
gaaaggctgc ttttagctgtg gatgcccttg attaaggag agagcgcta ggagctgcct      360
gccccagctg gggtagcggc tgtaggctg ggtctatgtt gcaagcccta tatcctagca      420
tgcagtggaa agtgcttagc tctctccctc ctgacctctg ggcagccagt catcaaagca      480
gagagacgtg gcggcatgtg ggcagcatgc ccaggttcct tgctgactca gcacttatct      540
ctgtagtttt aaaaaagaat ttaatgtttt tggttgtatt tttttggggg ggtgagggtg      600
ggcaaaaaca tgggggtagt tctgagtttg ttagaaatgt ttctgaatca agtttgtttg      660
aaacacgtgt gcctttgtac ccattataag atggtcataa gaccaagac tgataagctt      720
tggttttttt tgtttggttt ggttttgctt catttaccct tcatgccta gggttccn      778

```

<210> 3404
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

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<400> 3404
caacgctggc tacttggttct ttttgcagga tcccatcgat tcgaattcgg cacgaggctg      60
agcgagtgtc tcaagcgcat cggggacgaa ctggacagta acatggagct gcagaggatg      120
attgccgcgg tggacacaga ctccccccga gaggtctttt tccgagtggc agctgacatg      180
ttttctgacg gcaacttcaa ctggggccgg gttgtcgccc ttttctactt tgccagcaaa      240
ctgggtgtca aggcctgtg caccaagggtg ccggaactga tcagaaccat catgggctgg      300
acattggact tctccggga gcggctgttg ggctggatcc aagaccaggg tggttgggac      360
ggcctcctct cctacttttg gacgcccacg tggcagaccg tgaccatctt tgtggcgga      420
gtgtctaccg cctcactcac catctggaag aagatgggct gagggcccca gctgccttgg      480
actgtgtttt tctccataa attatggcat ttttctggga ggggtgggga ttgggggaca      540
tgggcatttt tcttactttt gtaattattg ggggtgtgtg ggaagagtgg tcttgagggg      600
gtaataaacc ttcttcggga cacaaaanaa aaaaaaaaaa aactcgagcc tntagaacta      660
tagtgagtcc gtattacgta gatccagaca ttgataaaga tacattgatg agtttggaca      720
aaccacaact tgaatgcant ngaaaaaaat gctttaattt gggaaatttg gngaagcnn      779

```

<210> 3405
<211> 803
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(803)

<223> n = A,T,C or G

<400> 3405

```

nnnnnnnnntt taaatnccat tnntttctnn nnnttttnat ntanatacan ctacttggtc      60
tttttgccagg atcccatcga ttcgaattcg gcagaagatt aaaccgggtt ctgtgggcac      120
ctctgtcctt gctgctggtg gggaaggga gccagatcca gcacccctg gggggccatc      180
gggagtgtg ctgggggtga agggggctct gtggcaatat ggggttgggt agtgtgggtg      240
gcaggccatc cctctaatc ttggaacctc tgaatatggg acctcccaca gcaaagggtg      300
actttgtcat taanaagac tgggggtgggt gtgggtggctc acgcctgtaa ccccgagcact      360
ttgggaggcc aaggtgggca gatcacgagg tcaagagatc ganaccatcc tgnccgaacat      420
ggtgaaacct catctctact aaaaatacaa aaaattagcc ggggtgtgggt gtgggcacct      480
gtcgtncacg tctaaggagg ctgangcacg anaatggtgt gaacctatga ggcacacctt      540
gcantgagcg aanatcgac cactgnacgc actncaacct ggggtgacaga gcgagactcc      600
gtctcaaaaa aaaaaaatt tcaagactgg agaggtnatc ctgaattgtc cagctacncc      660
ccatgtnatc acagggcctt catgacaggg ncagagccac canctttgaa ganncngtcc      720
tcccccnaa cangcagnct gganaaactt ggnccangaca agtaggacat tccgtggagcc      780
tccanaangg actgggcttt tnc                                          803

```

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

```

caangctggc tatcgttctc tttgcaggat cccatcgatt cgaattcggc acgagcctga      60
ggtcacatgt ggatttggcc agagccttca ggaggtggag gccggtgagg tcaggagccc      120
agctctccag ggggcttctg cctgactgg gaaggggtgc tggctcccta aaacaatgtc      180
aaagccagtc ctgctgttct ctgttgccag ggggcaggtc tgggcctggg ccaaccacgt      240
ttgttatcat ggctgctgcc ttctggacag ctgccagctc tgccttgaga ggttgtggga      300
cctctggatc cagctgacct gacaggatc ctactcaggg aggagccctg tgctccagc      360
tcagaggaca gtctgggcca gaactggaag gagacatctg tcccgtcttt gagtgacaag      420
cccgggacaa cagccagtgg gcatcacggc tctccagcac tccttagccg gaggatacag      480
agtgatgggt gcatcctgac caatgcgaca accaacacgt gctctcacia acccctgact      540
cccgacttt ccagtgccaa agtcaaacgc tgcttgata aggagagcaa agcttctgga      600
actttattta ctctntcttt ttaattntct tttaagagac tgggtcttgc tatgttgcce      660
aggctggtct tgaactcctg gcctcaagt atcctccagt ttccatctcc ctaagactgg      720
gattacaggt gtgagcccgc tgtacccgaa ctttttttgg tttttgcttc ncg          773

```

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

```

gnnnnnnnnt ttatttacat tcagntatng nnnttttgnt ntaaatacan ctcttgttct      60
ttttgcaggg acccatcgat tcgaattcgg cagcagggtc ctccctgagt gtcgaggagg      120

```



```

acatgagtga aatgaccagc gaactcattt tttataggac tcggtgaagc cggattctgc      180
atttccttac ttgtagactc attttgtgga atagagttga tcgctgtctc ctccgcaaag      240
cattttaact cgaataagca aatgccgcct ctgtttgaac gttttggtat ttacaagaga      300
gaatcatttt acctaagaga actaattgaa ttggcagcat ccttgaaata cctccggaca      360
aggatctggg ggtgggggtg gaaaagcaac tgcgaaatag cagacggaga aattcctttg      420
gaagttattc cgtagcataa gagctgaaac ttcagagcaa gttttcattg ggcaaatgg      480
gggaacaacc tatcttcagc actcgagctc atgtcttcca aattgacca aacacaaaga      540
agaactgggt acccaccagc aagcatgcag ttactgtgtc ttatttctat gacagcacia      600
gaaatgtgta taggataatc agtttagatg gctcaaaggc aataataaat agtaccatca      660
ccccaacatc gacatttact aaaacatctc anaagttttg gccagtgggc tgatagcccg      720
ggcnaacacc cgtttatgga ttgggattct tctctgagca tcattcttcg aaanttgag      780
aaaagtttca ggggaatttaa agaagctg

```

<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 3408

```

tnnnnnttta tttcnttcgt tctngntttt attacatcag ctcttttctt tttgcggtcc      60
ctcgttcgca attcagagac acacataaga aactggaaga agagaaaggc aaaaaggaaa      120
aagaaagaca ggaaattgag aaagaacgga gagaaagaga gagggagcgt gaaagggaac      180
gagaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaag      240
aacgggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga      300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga      360
tcgcagtcga tcaagagaaa aaagcagaga tcgtgaaagg gaacgagagc gggaaagaga      420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg      480
gaaccgggag cgagaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag      540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt      600
attacgtaga tccagacatg ataagataca ttgntgagtt tggacaaccc ccacttgaat      660
gcagtgaaaa aaatgctttn tttgtgaaat tttgngatgc tnttgctttt tttgtaacca      720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt nttntttcan      780
gttcaagggg aagtttttgg aag

```

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3409

```

tttatataca tcagttcttg cntttttgnt ngactanagc tcttgntttt atgcaggacc      60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactggttcc      120
ctgggctgac cggagccggg agaacaacct ggcctcaggg agagagacgc taccgggctt      180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg      240
cacctcagaa gtgtctgcgg gccctgaccg ggcgcaggtg gtggtgcagt gacgagcacc      300
aaggaggcgg cagccgagcc aaaaagagcg tttgtcgccg tctagattac atcacgcaga      360

```

```

gcctccagca ncagggcgtg cangcagaaa atataactgt gacaaaggat tttaggagag 420
tggaataatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaaaa 480
atgcaaaata tttgtaactt tntttgttga aaagctaaga tagctnttgt tgtcatcagc 540
ccaccccgat tcttatcata ctccagggtt ctgggttgana atcttcgacg gcaagcctgt 600
cttggttctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggtggg 660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg 720
gaagggccaa atagatgatt naccnagttc nttccagact tcttcaagtt caattaactt 780
gtncnaccaa aaaaatcaaa agtggcaacn aatncattgc ttn 823

```

<210> 3410

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3410

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catncngttt cnagccnttt tganatacat tcagctactt gttctttttg caggatccca 60
tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca 120
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaag 180
tctttttctca tcagtagaat ctattttggt cacttctagt caatgaaaaa tgtaaaacttt 240
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg 300
atcaatcaca atgtccatct ttagacagtt ggttaaataa attatctggt ctttgaaaag 360
accgtgctgg gcgcggtggc tcttgccctg aatcccagca ctttgggagg ctgaggcggg 420
cagatcacct gagatcgga gtttgagacc aagcctgacc aatatggaga aaccctgtct 480
ctactaagaa taaaaaatta gctgggcatg gtggtgcatg cctgtaatcc cactacttgg 540
gaggccgagg caggagaatt gcttgaaccc gggaggcana ggttgcatg aggtgagata 600
gcgccattgc actccaacct gggcaacaag agcaaaactc tgtctcaaaa aaaaaaaaaa 660
aaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg 720
ataagataca ttgatgaagt ttggacaaac cccacctng gaatgcngng naaaaaatgc 780
tttatttgtg naaat 795

```

<210> 3411

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3411

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gnnnnnnntt taaantccat acagtttcaa gncntttttg aaatncattc agctacttgn 60
tcttttttga ggatcccatc gattcgaatt cggcacgaga gtccacatta aaaagaaaac 120
aaaacaaacc ctaactaact tccaaatggg tctcctggtg cgggggcgtg agtggccgtg 180
ccctgggtgt gctgcctgtc tgagcaagct tccctagctg tggaaccccg ggccccctgc 240
tgccgggtct gccttggtgt catgcctgct gcaccccgt tccactgac gtgccgtctg 300
tggctatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan 360
caggctggcc gcgcaccggg gctcgggcac cctctggccc cacactggca atgatgccac 420
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgccctctta aagagaaaag 480
aagagaaaga tttttttttt taatggcana ccgaaatgga gatctttag cctanatagg 540
atagtctgac cttctancat agtctttttg gcaaatgatt tgtgttttca gtgtgtgggg 600

```

aanctgtcct	gggggctggg	gcgacagata	gcacataagc	tgtttntggg	gctgcanggg	660
ctnctgact	ggatgttg	gggtgtgccn	gcttnagaat	gtggcnacaa	aaagcgtana	720
ccggggccag	gtntgccgcc	tgagctggct	cccnaagntg	ggttgntcan	cgttatatt	778

<210> 3412
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 3412						
atttcaaaaa	ctcttgccct	nttaaanacc	tnncgntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	gggtggccaca	cccaggagg	tagtggngag	ttagatttna	120
gagtcaggc	cctaggttg	gacccactcc	aaataatctc	ctcgggtgtg	gtggtgggtn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	ancngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tgccccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgtttgg	420
aaaaanncct	ttntttttcc	tctttttaaag	agaaaacatt	ganaaagatt	ttttttttta	480
atgggcccgc	ccnaaaagg	agatctnccc	ncccttgtat	atnatantnn	tgacctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttnttttt	tcnecnggtg	gtgggggaaa	600
aatttttcc	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tnnnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaaa	anttttttnc	cccccttgga	ngccttttan	tttccccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattctttt				869

<210> 3413
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 3413						
nttttattta	catanagntc	ttgccttttt	nnanganata	canctacttg	ttctttntgc	60
aggancccat	cgattcgaat	tcggcacgag	gccacnanca	ggtggggggc	aggacgcenn	120
ggnnctgacc	gcctccacta	gagggnggtg	gccgcggggc	gacctggacc	ttnannccnt	180
gtccngacct	nccggtgggt	gggtgcgccn	gggagccngc	nacattcctt	nttcttganc	240
agccaaanat	tggagtnca	ttcnncnang	nacnttttnt	tttttnngat	cangagtgtg	300
tncaacgtac	nccccgcct	nngnaagccc	tgantccntn	atggagcctc	nnagagtggg	360
gagcatattg	gggtggggta	atgcactnca	nccaagnnga	atgnacacaa	ngggntcgtc	420
naangnnntg	nggnccct	nacccttac	caccatgtgn	ngntngnctc	tgtggttgaa	480
catcnnactn	gtncgcaa	gganactnac	tntaaaaccc	tttgnacnan	ggtgcnaaac	540
cacagntgtg	ncctgncnca	nctanccatc	naaagaatna	caaaaccncn	tnaggggng	600
ngggcnannc	ntcnccctg	tcnecncctg	tnttggantg	gcctttcggc	ttaaacagtg	660
aggctcanaa	nggnncnaac	ctgggggtgnt	aataaaaaga	acnaattaag	anactnttcc	720
ctccnacc	cctttccttg	tngccagggg	gcancaaaact	ngattnttga	agcccaanat	780
aaaaaaaaagg	cttnatatacn	nggaaaa				807

<210> 3414
<211> 716
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 3414
tntcnttcaa atngcttggc tctcgttctt tctgcaggat ccctcgattc ggaaatatag 60
agagatgtgg gatttgaatg cccatgaaag acattttatt ttacttgaat atattcttgc 120
ttcactttac cctccataat atgttgtaca ttagtgctga tcaagtttac agagttacat 180
tttgccttcc taaccattca gtcaggaatt aaaatatggc attgtataac aactgggaag 240
aagctcatag tggatataaa ttagagtaga taatgggtca ccttgatagc ctctgtttac 300
attacttgta tatgggcaaa ataattatta cctatacgtg tatttaagct taattttcat 360
ataaacagta tttttaatct atgttaaaat agataatata taaaagtgtg atctctaggt 420
agtccttagt ttattagtag tgtacttcaa aaagatTTTT aaatagggtc ggacgngg 480
ctcatgctg taatccagc actttgggag gctgaggcgg gctgaatcac ctgaggtcag 540
gagttcgaga tcagcctgnc caacatggtg aaacctgtc tcaactaana atataaaaaat 600
tagcccgggc cgtggtggca ggcgctgta atcccagcta ctggggaggc tgangcagga 660
gaatcacttg aaccaaggg gcagaanctg canttaagcc aagatcgcat cattgn 716

<210> 3415
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 3415
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tgcaggatcc catcgattcg aattcggcac gagattctct caataatggc cagccgaaaa 120
gtacgcgctg ccaggcatct gcctccgagg agtcattaaa ctcccacagt ggtcacccca 180
ctgctgatgt acagactttc caggcaaaagc gccatattca tcaacaccgt cagtcttact 240
gtaattataa cactggaggt cagtttagagg gcaatgcagc cacttccatc cagaagcaga 300
ctgacaaacc cagccactgt agccagtttg tgacacctcc gcggatgagg agacagttct 360
cagcacccaa tctcaaagct ggctcgagaaa ccacagtnta aatcagttac tggacaaact 420
tgaaatcatg gtggaagaaa cagacagtgt tagctcatga tttgatttgg ttctaccttt 480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gttaagacaa 540
aacactggta aaagtttcaa cacctccctt ttgcttgtat accataaatg ggcagtttct 600
gaaattttgg ataaagcatc aagaactcct ttttctgaaa cgttccctct tttttagtgc 660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnaaaac tcgnnccttt aaaactatag gngtgcgtt acctaaatcc aann 774

<210> 3416
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtntaangc	tggctctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ntccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (704)

<223> n = A,T,C or G

<400> 3417

tgtntctttt	anttgntagc	ncttggctac	ttgntctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt	120
gggcaggagt	tattgcactg	tttgtatgat	cnaaccacac	ctnctctgct	ggaaacaagc	180
agcgtgantt	gntcacttgc	ctttcnnagn	cncattggc	cagntgcttg	nangngaacg	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtntnnacn	tgctgntnna	ggtaannngn	gtntntntca	agntntttgc	aangngatga	360
caaactaatg	tttgaatnng	tcatgataan	ggggcntctn	atactctgga	ncatcnccaa	420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgncct	gctncttgaa	attnccaaac	480
anntgccttg	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnatc	naacatnctn	tncgctngnt	anacttnnna	600
ttnactnann	gnctntnttg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaacctngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 3418

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gagagggtgg	ggtctggcca	cataggtacc	tctgtggctc	tggctctggg	ttagacactg	120
ttagggaacta	gcatttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactctttc	240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttngcctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 3419

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcatcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttngcctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncataangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccac	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgaact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaagg	caaagaaatt	gtctgttcca	gcctcagtg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgac	acaataagg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaagggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctccact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3421

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ggcacgagag	agggtggggt	ctggccacat	aggtacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaaatt	actgtcnaga	gcaatataag	ggatcatgggt	420
ttgatcagga	actttttgta	aatgaaaaaag	ttcacaaact	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaaaangtn	accnaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnncnccttt	tnnaaacttt	tac				743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3422

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tcccatcgat	togaattcgg	cacgagcctt	ccacggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcc	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tggtgaagta	ggtggctctg	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagngga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3423

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aggagacggg	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgttaactcc	120
aaatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgcgtg	ttaagtgcag	180
ctaggatttc	cacaggaaga	cacttgcagt	gaacagagtt	atggagcagc	aaaaacacag	240
atctattttg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	acttttgattt	ctaggtagat	tctgggtaga	360
gacttctttt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggg	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaattc	tgagctgcat	aacttgtata	aagtaatttt	cagtgaattt	ttcatggtta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttctt	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggg	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	cggggtttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3424

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ntcccatcga	ttcgaattcg	ccacgangtt	atattaaatt	attctttgtt	tttctttttc	120
ttttaataaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtagggtt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcatgtgna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggtcattgtt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaattt	ataagattat	cccccgttcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgntccatt	660
cgngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tccnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangnnc	780
nttttcnngg	naannn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3425


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ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttaga aaagagtttg ataaaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaaat gaatgatgac atagagtagn tcagatctat catgtgctct      480
tctatctaata cagtccaata ttcccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctaggtt tcnnaancan      720
aaaaannaaa aacnct

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<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3426

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ctacttggtc tntntgcagg atcccatcga ttccaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttaga aaagagtttg ataaaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaaat gaatgatgac atagagtagn tcagatctat catgtgctct      480
tctatctaata cagtccaata ttcccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctaggtt tcnnaancan      720
aaaaannaaa aacnct

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<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3427

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tnntntnntt nantngaacc ctttntctct gctctttttg caggatccct cgattcgaat      60
tcggcacgag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga      120
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc      180
aaaggcatag aggtaggaaa gtatagatct ccaggacag tagtcatggg gttggggcac      240
tgttggaatt taaggttgga aggatatatt ggagcccctt gaatacggta acaaggcaca      300
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag gggtattgag taaataaata      360

```

```

gactgggtact ttaggaatTT taaaatgtgg atcattgtac tactaataac tatttatttt 420
atatttacta tctactaagt aattttacatg tattttcttg tactgactgt aaaccttctg 480
gggtgtgggtg ttttaagtgc catttttactg atnaagaaac tgaggcttaa atagttgaaa 540
taagtcaccc tgtagtgag tggccagaat gacaagtcag atctanggtt tgtctaactn 600
ccaaagatna tataaaaata atggatctct ccttttccct tatgcataaa atatggggag 660
cnttttttaa tcattacca tncgattgnc caaaaaaata cctttnggga aaactgatta 720
ttantattcc anaataaatt tcaacggcct gcntngnctn ctttacaact ttnt 774

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<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3428

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tgctcaccag atccctgata aattcccatg aagccacctg aaaggtggta aaagcaaggt 180
aaaacgtggt gaaagcaagg taaagaaggt agatttcaca attttgtttt ttaaaaaggg 240
gaatcttccc tgaattcttt gaggtactaa gtacgtggtt taatgcatat tttcattctt 300
gttagcagtt taaaaataat gtttcagaga ctgtattcac gattgctaaa aagcattttt 360
tctactaatc attgttcatg ggacttaaca atggaagata actgggaaag cagtaaatat 420
aggaaaccac taatagtgtc tccttcttcc taccctgacc ctctcttttg cttcagaaag 480
tgacgaggaa aatgtatctt tcacaaagaa aagttatacc acagaangta ctaaaaagca 540
acaactgcct ttggggacag gaaacttaca gaggggatta ttatagaggg ataacatacc 600
gagtttctat ttcaataaga gggaaattgg tttatattct gttcacactt gtttcaaaac 660
cctctctctt aaaagcatgt gttttttgga attcaaggaa tgtaccgttc tttccccaac 720
ccttaaactg gggggtcann 740

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<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3429

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gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180
tacttgcat ttanggtctg ttttatgaan ccaacaagtg aatgtaaaat aggctctgca 240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcng ctctgtcaca 300
atgaaccatg aatacttaag aaagggaag taggaacang gagcatagcn aagcataact 360
tgctgtgttc canggattta aaaataaatt actgtcnaga gcaatataag ggtcatgggt 420
ttgatcagga actttttgta aatgaaaaag ttcacaactt ggaaaaaaca gtgctagatg 480
tgttatggaa attgttatca caaattattc cactgaaact caagtatnta anacaacaat 540
atatacgtgt gaaatnttaa ttttgacata tggaaangtn accnaaaaat tttgaaccga 600
taccttnttg gcttnaaatt gcanggtggg taccnattt nttaaaaatn annanacctt 660
tnnnnccaaa aatnacttna tntacaaaa aattttccnc ggnccatggg taanaacctt 720

```

gnnncnccttt ttnaaaccttt tac

743

<210> 3430
 <211> 776
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 3430
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 tncggcacga gggcaggggc ccttanagtc ttggttgcca aacagatttg cagatcaagg 120
 anaacccagg ngtttcaaag aagcgctagt aangtntctg agatcctngc nctagctnca 180
 tntcnagggg aggangaana tggctnnenn aancatgcgn gtgctcctat tgctganctn 240
 nctgnccaaa ncatgagtc tgggtgatat catcatgaga cccacatgtg ctectgnatg 300
 ganttaccac tacttcaaat gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360
 centgntann naacttntn nctgnttggc ctnnctntc tagatcaang gancngcnnt 420
 aatccnaaan ttcatntgan tnaagatcan nngttcctgc tnggcacctt tcnagnataa 480
 tccccttttn gcttgntnaa acggaantnn anaaggngtg tntnnttcna atcttattan 540
 aattcttgn attncatttg ctataatccc tggagcctgg atttctctgga anccgtaaaa 600
 cngggcttct aagcacctta cncnnttcca tccttgaaaag nancccccgt nnncatncan 660
 tnagnctnct anttntaant cntattggag accctnaana ttccntttac atcaaanggn 720
 nggtataana atntttcngg nattttncag ganctgngta aaattnttat tntacc 776

<210> 3431
 <211> 731
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (731)
 <223> n = A,T,C or G

<400> 3431
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 atcgattcga attcggcacg agcagtggtt ggataaaaagg atgtgtggga aagaactgag 120
 ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa 180
 ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
 aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
 gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
 aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct 420
 gtcttggttg agttggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
 aggcaggatt gttcattttg tcttttggtt gttttgggga acagggtcaa aattttcatt 540
 ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
 cttggaagaa angcaaccat agtaatat ttaggttnt actgnttatt ttttcaataa 660
 aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
 aaaatantaa t 731

<210> 3432
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

<400> 3432
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atcgattcga attcggcacg agcagtggct ggataaaaagg atgtgtggga aagaactgag 120
ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa 180
ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
aactaaattt tgtgatcaaa atgataaggg ccatcctaata agctggggaa tgtgggatct 420
gtcttggttg agttgggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
aggcaggatt gttcattttg tcttttggtt gttttgggga acagggtcaa aattttcatt 540
ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
cttggaagaa angcaaccat agtaatat ttgagtttct actgnttatt ttttcaataa 660
aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
aaaatantaa t 731

<210> 3433
<211> 731
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

<400> 3433
tnagtttgaa tgcttngant tgctaatagc ttggctactc gttctttntg caggnatccc 60
atcgattcga attcggcacg agcagtggct ggataaaaagg atgtgtggga aagaactgag 120
ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa 180
ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
aactaaattt tgtgatcaaa atgataaggg ccatcctaata agctggggaa tgtgggatct 420
gtcttggttg agttgggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
aggcaggatt gttcattttg tcttttggtt gttttgggga acagggtcaa aattttcatt 540
ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
cttggaagaa angcaaccat agtaatat ttgagtttct actgnttatt ttttcaataa 660
aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
aaaatantaa t 731

<210> 3434
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 3434

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagtttcta ctgnttattt ttcaataaaa actcangttc      660
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<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3435

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aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagtttcta ctgnttattt ttcaataaaa actcangttc      660
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<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

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tntcattcaa gtnctaangc tggctttttt gcaggatccc tgcattcgaa ttcggcacga      60
gactgtcctt tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac      120
gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc      180
cattaagctc tccaaacata aagctgaatc tctactagccc taaaaggggt cagaaaagag      240
aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg      300
tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactgggtg      360
cccatattga tgtggataaa canaaagata agaatggcga gagaatgatc acaataaggg      420
gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg      480

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ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 3437						
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attcgctggg	tttgattggg	cagattcttt	tttcaactagc	ggcgggtttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggaccct	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgac	ttgggaatat	ctgcctttat	ctttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtctggtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggcttgc	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccggggc	cgaagagcgg	gcgtcatctc	tcgggaggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaag	ggaaccntct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3438						
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ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttgggtcagg	ctggtctcaa	actctngacc	tcagggtgatt	180
caccacctn	agcttcccaa	agtgtctggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntaccac	ttaaangatc	tagacataca	taangnagat	atgcntngat	tatecngatt	480
gcatactcta	naatagtcca	tcaccttact	tgaacttggg	cttacttgcc	cgttanaatt	540
actcnntaac	atagcctctc	nccttanogt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaagtt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	ccccctctcc	ncccaacnct	cacctcnna	720
tccnccacc	ccactcnncn	nncannectt	ccccccccacc	ccccnnncnt	acnctcct	780
cccatcneg						789

<210> 3439
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 3439
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gctgcacagt ggggaaggga ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
aggaaagatg ggtcagctga ctttcacgat ctccaggtact gatgaagatt gtgaagatta 480
ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3440
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 3440
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gctgcacagt ggggaaggga ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 300
taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
aggaaagatg ggtcagctga ctttcacgat ctccaggtact gatgaagatt gtgaagatta 480
ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(724)

<223> n = A,T,C or G

<400> 3441

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ggcacgaggc	ggcgtgacc	cggccggccc	cacaccgct	cttcctcttc	tttgccgcgg	120
actccctttc	ctgcctccaa	gacctggtgt	ctcccactgt	gagcccagct	gtcccacagg	180
cagtccecat	ggacctagac	tcaccttccc	cttgccctta	tgaacctctg	ctgggcccag	240
cccctgtccc	agctcccgac	ctgcacttcc	tgctggactc	aggcctccag	ctccctgccc	300
agcgagcggc	ctcagccacc	gcctcccctt	tcttcggggc	cctgctgtca	ggcagctttg	360
cagaagccca	gatggacctg	gtgcccctgc	gaggtctgtc	gcctgggtgca	gcctggcctg	420
tcttgcatca	tttgcatggt	tgctgggggt	gtggggctgn	nnctggggccc	gtgcccacac	480
cangcnancc	cctgtatggg	atcanaggcn	cgaagangca	ntgnangctg	ntggcanntn	540
aantactgnc	tgggctggaa	nangaactnn	taaaagtctc	ngcccnatc	caccttggn	600
cccnannttn	nnccnntant	cnnngggntn	angtggtnnn	nnctngggac	agntcnntnt	660
ggnttgnena	tngnnennat	gnanacttgg	ggttcannaa	ncntttccnn	atgnaancng	720
ngtc						724

<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3442

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agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagtccatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtgggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaanaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaacctt	ttannngtgc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncct					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3443

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ttcgaattcg	gcacgagcct	tccacgggta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180

aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttcc	ttggccactc	taagtcagat	agtcagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgnnt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaacctta	ttannngntc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggnctt					740

<210> 3444
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3444						
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tcccatcgat	tcgaattcgg	cacgagcctt	ccacgggtat	ttcacagata	tgagagagctg	120
gaagcaggga	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtga	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcct	tgccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcatagaaaa	gctgtgaagc	360
ttggggaaca	gagggacttt	tggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnttattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagngga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3445
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3445						
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aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggtcga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataagg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acagggtcaa	aattttcatt	ctgcataagg	540

taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttgggaagaa	600
aggctccata	gtnatatatt	tgagtttcta	ctgnttat	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acaaaaatat	at	712

<210> 3446
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 3446						
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ccgtccncta	cctctcccac	gtggaggggtg	gagcagttat	gagggaggaa	gtcaactgct	120
gttcagcctc	agaataaagg	tgccgttcac	tggctcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctncctagg	gaccaaggan	cacccctaca	aaaanagtaa	240
ntgggttgggt	gatactccct	taagccaaan	aggagctacc	caacctgttc	ttagggaccc	300
angttaccta	caaggggtggg	agagaattca	atgggcccag	atgttgggtg	aagccccatc	360
tctggggctc	angtttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtncena	nnagcnaaca	ttntnccnaa	gggcncnct	tatnggnaaa	540
antgtngggn	cacattcccc	ccttctccaa	aggaangngg	ccnccgnatta	acaatnngct	600
anncttttctg	ccattggctn	aaaanccctt	ccccacattt	ccatnatttc	angnttngnc	660
nncattatct	attnctttat	antgnnttgg	tanncncttn	ttnnactcaa	agnnnatcnc	720
ttacctttca	cnatcccnca	attttntctg	getccanctg	tgnnccnttt	ngananccctc	780
nnctncttn	cttncaggga	ntnttanang	ntnatctaaa	tntgnggcnc	atannt	836

<210> 3447
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3447						
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ggttgggtggg	tctgtggacc	ttgagctagt	ttttaatcaa	catggaaact	ccagtgatct	120
atttaaaaaac	ttgcattggg	tcatgccagg	tttattggag	gttataccct	ccaatgtatt	180
tccaactcag	ggttaaagcc	aaggtcctta	tgggtggaaga	tggggcatat	aaactggcat	240
tctggcgctc	acacactcca	atatctacta	ctctccctc	ttgctcgtc	agctgtggct	300
tgcttattca	gctttttgct	cttcctggaa	tacatcaaac	atatgtaggc	ccagggtttt	360
aaccatttta	acaactgaac	ttgtaactgc	actagttctc	caggtaagca	gaagtattag	420
ggttatggac	agtttatccg	aagtaataac	caggaatgcc	taataaaaaac	atgcangtat	480
tgtggtaaaa	aatagagttg	gtgaacaagg	agttaccttc	tgactgnttc	tcttttagtg	540
aagtaggagg	caaggttatt	agctaagagt	gagatggtta	ggagatgggtg	taaaatttaa	600
ggaaaagaat	taaggatatga	gatagttggc	taggataatg	aanttnntga	atgggtttga	660
gctaagtngt	attaaaaatc	ccttttaggta	atagacnatg	aanttccaaa	gcncactta	720
gccaaccctg	ggttctttct	tttctttt				747

<210> 3448

<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 3448

ttnnnntcaa	cnggacnnct	tttacccttc	ccgttcttnt	tgcaggntcc	catcgattcg	60
aattcggcac	gagatgttgc	ccaggctggg	ctcaaactct	tntttntcaa	gcaatactcc	120
tgccttgccc	tcccaaagtg	ctgggataat	aggcatgagc	catcatgcct	ggccgaactt	180
atTTTTaaat	tctttgggaa	tctaaaagga	ctatgtgctt	tctTTTTtac	tggattatgt	240
gagaagataa	tagtttgcag	agaaattcag	tgaagcagct	gataaaatgc	tttaaaaaata	300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaatag	tagccccacc	ttctccagcc	360
cacctaaacc	aacactgagc	atggacacat	gcatttcttg	tcatcagcca	gacgaaatgg	420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagttctc	ttttctctgn	480
ctattaataa	aagaccccac	tgaatgaagc	cggaaattct	ttaggcaatt	taaactttct	540
gaaatagagg	aaagttggaa	aggggcggtg	gtcaaggaat	atagaagtaa	aaaatatttt	600
tgaggtcaaa	tgcttatctg	aacagattgn	ctagtctgat	tatttttaaa	agtattatgt	660
tgatccagtg	gtttaaatTT	gaatcaaaaag	taatgattta	accaaagggt	gtgcttccat	720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt			759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3449

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aaaagctgct	gctgggcagc	cccagctcgc	tgagcccctt	ctctaagcgc	atcaagctcg	120
agaaggagtt	cgacctgccc	ccggccgcga	tgcccaacac	ggagaacgtg	tactcgcagt	180
ggctcgccgg	ctacgcggcc	tccaggcagc	tcaaagatcc	cttccttagc	ttcgggagact	240
ccagacaatc	gccttttgcc	tctctgctcg	agcacgcccc	atattagtgg	tccggggccc	300
ggcaggccca	gctcaaaaga	gggcagacgc	agcgacactt	gttcttcaca	cacccccatt	360
cggcgtagta	cccagagagc	tcaagatgtg	tggcagtttt	cggatggaag	ctcgagagcc	420
cttaagttct	gagaaaatTT	gaagccccca	ggggtggggt	ggacgcgtgc	cgcccagtcg	480
acgtcagcgt	ggtctgtcat	cctgctagtt	ngtgcgtggt	tctgacagta	gcctncaaga	540
accggttggt	cgaagacaga	gtcctgcaga	gtccttccag	cctagcctgc	agcgccattt	600
tatttatatt	ttttaataaa	aagtaaaaca	nnaaaaaacag	accacattg	gaacagtga	660
tcattccata	gagaggcccc	tggaccatcg	ttgtcatgag	tgatgcctgg	ccttttgaaa	720
ccagccnacc	taattc					736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(738)
 <223> n = A,T,C or G

<400> 3450

cttcttttctn	tnncacgttc	tttttgcagg	atcccatcgg	attcgggagn	aactgctcac	60
tccttttccc	tccccatata	aactcaaagt	cccctgggcc	ccaattcaga	gttatgtttt	120
ttttggcaca	tactagaaaag	gcagtgcctc	agcccttccc	tgaatccatg	gaggtgttct	180
gtttggggct	ttttagactg	ctgetgetca	gctgggttgc	tgaactgaca	gtaggccage	240
ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	gagcaagcct	300
tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgtttaa	tgtaagcacc	360
cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	gcctgtgaaa	420
tggttagttg	atcatttttc	cacaaagaat	tangtggtta	gagttttcct	tcangcttta	480
cttangagaa	tggactaagc	tgaangtgta	ctttaccagc	aagagtcaac	tctagaattt	540
cangatgttc	cttctattgc	ctcttagcca	tctgtcagga	aatgtaactn	tggttttatt	600
ttnggctatt	ccanggggta	agccanaaaa	tnгнаатgat	nattctgatt	aatagcagaa	660
actttttcat	cccaaattat	aaggggnctg	ctctttttaa	aagcntctaa	gctaagtcna	720
gagcttagga	actgtgac					738

<210> 3451
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3451

ttnnntttnt	gaacttttta	ccctgttctt	ntgcaggacc	catcgnttcg	aattcggcac	60
gagggctctg	accctgcagg	actgggcagc	ccagcgggtg	accatctcct	accgagcccc	120
agagctcttc	tctgtgcaga	gtcactgtgt	catcgatgag	cggactgatg	tctgggtccct	180
aggctgcgtg	ctatatgcca	tgatgtttgg	ggaaggccct	tatgacatgg	tgttccaaaa	240
gggtgacagt	gtggcccttg	ctgtgcagaa	ccaactcagc	atcccacaaa	gccccaggca	300
ttcttcagca	ttgcggcagc	tcctgaactc	gatgatgacc	gtggaccgcg	atcagcgtcc	360
tcacattcct	ctcctnctca	gtcagctgga	ggcgtctgcg	ccccagctc	ctggccaaca	420
tactacccaa	atctgaaaaa	gcagcatgtt	gagaagatgg	ccccttgtgc	cttggaaga	480
ggttcccatc	cctcattgga	atcaccaccc	attccatcca	ggacttctct	tacacttggg	540
ggtagccggg	gtcaggacaa	tcatctcagt	cctgcattct	ttcttctgct	ttcttccctc	600
caagagcaaa	acctgggcaa	ggggacttac	tgagtggggg	tggttggggg	ttgggaaaag	660
ggaaacnnnt	gggatatggg	acatggntct	nagcaggant	gntgagctac	ntanctntt	720
gactcnaaan	tnngngagca	gnnnat				746

<210> 3452
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3452

ttntntttcc	ttgaancctt	tttctacann	cncttttgca	gatcccnctg	tcgaattcgg	60
cacgagagac	aaagaaaagg	tggcaatcat	agaagagttt	ntagtaggtt	atgaaacctc	120

tctaaaaagc	tgccggttat	ttaaccccaa	tgatgatgga	aaggaggaac	caccaaccac	180
attacttttg	gtccagtact	acttggcaca	acattatgac	aaaattgggc	agccatctat	240
tgctttggag	tacataaata	ctgctattga	aagtacacct	acattaatag	aactctttct	300
cgtgaaagct	aaaatctata	agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	360
tgaggcccag	gccttggaca	cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	420
gctaaaagcc	aacctgatta	aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	480
aacatcagcg	gtagagaatt	tgaatgaaat	gcagtgcattg	tggttccaaa	cagaatgtgc	540
ccaggcttat	aaagcaatga	attaaatttg	gtgaagcact	taagaaatgt	cattgagatt	600
gagagacttt	tataggaat	cactgatgac	ccagtttgac	tttcatacat	actgtatgan	660
ggaanattac	ccttagnatc	ttatggtggg	actttattta	aaaacttnca	nnaatgttcn	720
ttcgacagcc	ttccatttta	acttcnaagg	cnncaangaa	ttnt		764

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 3453

ttnttcncc	tttttnaanc	ctttttgcag	gatcccatcg	attcggactg	ctggccgagc	60
ccgctgggag	tctagaaaga	gaaaatctgt	ttctagacct	cagttatttt	cccatttttg	120
gttgttttga	agcagtaaca	tttttctcag	tgacatgca	atttgggttt	tagagaagat	180
ggccaccagc	tggcttcccta	gatattttta	acttttgttc	tttaatatgc	tgtccatggc	240
tgagtttatt	agtacatggg	cttagtgacc	acaaaatatt	ttattaagaa	actgtttcaa	300
aaataaaatt	gcactgttca	tttttctggc	ctcgtgttgc	tccatagagc	aagggtaatc	360
ctagaaaaat	tttttttttt	ttaaattatg	caacgtaaga	tgctctcctt	gatagaagtc	420
ttagctcctg	tgttacaagg	gagaactcat	ttgagatcag	tctgttggca	ttgcaatgaa	480
gtgcttttga	tcangaaagt	gtacactatt	gacctttttt	cctgttcaca	agctgagcca	540
tatgtacata	atctagattt	tgttttcata	gttttgcact	ttttatagcc	tatttttgaa	600
gattaacaca	tttgcaagat	gatntgactc	aatctttgcc	taatccaaat	gagtgttacc	660
agagagcttg	cntgtgacta	gaacccataa	aattctttaa	anggggtatg	ttgataatag	720
aagggcnggg	aattttaaac	ccnggnnttt	aaaaaaat			758

<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3454

tntcccttga	accntttttg	ntntcctgca	gggatcccat	cgatttgaat	tcggcacgag	60
caccttttct	ccagttttcca	ataacacatt	cctctttttc	acctgagacc	tcaccagaat	120
cacctttaat	gtctatatct	ctaccaatag	tcttttttaag	gcaatatagg	ctttctctaa	180
catgcacttc	aaacttcaag	atggaggggga	tgccatacaa	caggactatg	tgatgggttt	240
tggctgtgtc	cataggaagt	cacaacaggc	aagggaagaa	aaccagaacc	cagtcattgga	300
gttaagaagt	gagtcagaga	gtagatgggt	agggacagtg	aggtaaggcc	tcttttctaag	360
gaagtttggc	tgaaggatag	actagctgga	cacatgctgg	ctgtgtgggg	tagagggagg	420
aatgatggan	ggtaggagag	ccttgagcct	gcgagaagag	tctctagaat	agagaagctg	480

aggttaaagt	tgtggaagac	agtgggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgcca	gagcacagcc	atctttcact	600
gtcncanaga	ggtaggacaa	aacgattggg	gttcaagaat	tgggtttgta	gcacaatatt	660
ttactatgt	cctttaaaaa	agtttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagacn	tgaaaatn				748

<210> 3455
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3455						
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attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacaggtga	gactagaggt	120
tggcagaaac	cagccatagt	agtttttgcc	tcatattggac	aacaaggagc	catccaagag	180
agagcgggtga	agctgatggg	gacacagcca	tggcgcattg	aaataccccc	agtggctgtg	240
ttgtagggtga	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagtg	tctgtaggat	aagttggaaa	360
ggaaggaacc	aatatgagat	attaaagaag	tgaaagctat	aggtcccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tagaagttga	tctcggnntg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgttcccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgcn	600
annttggaga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaanga	tncaaagggc	ttgannctna	actttaaana	ancnnt	716

<210> 3456
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3456						
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ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttcccttcc	agcacacccc	agcttctgac	ctcagagccc	aggagctgcg	180
tggacagtgt	ggggtgccag	gaggaggggc	ggtggctggg	cctcaggcac	gctgcactcc	240
cagccagaca	tggctcttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcatgt	tctctgcttc	gctgccttgg	aaggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgctctcttt	ttcaagcagg	cggaaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggagggag	acctgtgtcc	gtgccgtccg	gtccctggg	tgggaacagg	480
caaggggatca	gatgcccttg	acaccacgcc	tctggcacac	canatgcctc	tgagtcctc	540
gacagcctct	tcagtgtccc	tctgcgggtg	atgtccttac	tgccccagc	caaggccggg	600
gaccggtgtt	tcactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaaagct	gantgtattt	ctttgcacaa	ag	712

<210> 3457
 <211> 664

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (664)
<223> n = A,T,C or G

<400> 3457
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actccacttc tgaatgctgc ttctgcccc tgggaccag cacattgtta gaccatcttc 120
ttgactgaaa attctctcct gatgctgagc cctgcaccac caccttcctt ttcctaacta 180
tgaatagatg gcaaagtcca ctcaaaacaa ccagttaagt gctcacgaga gagtagtcaa 240
gcacctccag aaagaaaccg ggtttttgtt cacatagcan gaagtgactc cctgggtggt 300
nattnatctt ggaaacacag gtagattggc agaaaaacgg gaacatgtag gtaccgcgat 360
gttggtgcat gtncattact ttgggatagg ctttctcagt ctttcctcaa atgatngttg 420
agccagtttt ccagggggca attctgantg acttgcgctt gtcttatggt gtgggtcaagg 480
gactttcana actacngaaa acttttactg anacagctga aacaagagta taccggcntg 540
agaggggaaga tgaacactca cctatgtacc actcttttga caatnaatnt agtatttctc 600
aaatcaagtc tnnagactga tcctgtctca aaaaaaaagc ctntagacta ttattgagtc 660
cgtn 664

<210> 3458
<211> 822
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (822)
<223> n = A,T,C or G

<400> 3458
atccccatcga ttcgaattcg gcacgagcca tggggcggctg cactcccnac anatgggagtt 60
gnccagggag gacttgctca gccatggatn cacaccgacn gctgaggggg cgctgggcta 120
cctnntgtac catccctgtg nctacatgct tgcangagga cggatggctt actgnangaa 180
naagccngna tgcanntctg natgagaaca caggcaganc nccctctata gaaagcctgc 240
tttggnanac ntnntcatan agccgagact neacntacnt cacngccttg gngaanaatcc 300
aactcgagggn gatctatgtc ttacgttcct gcaagcgccc ntggagctgc cntggganca 360
gtgtgccagc cancnagagt gntggnaaag ccccnennan nnaccttcaa tcatggacag 420
cacnaancgg ntggntctgc gcnagangtg ctgggtaatg agnttacgtn caaggttngt 480
atccactaga gcccgangta tcatanccnc caaccacgta actntgggna atnnaaatna 540
atccaaagat ttantngaaa ctttaattgc gaccantngt aagacacntt ggtaaatttt 600
agcccaancn aatgaacncc tcnngtcttt gcaattaaaa taaaatnact ggcgnttta 660
nctgcccccc anttngccat ttctnntttt annaaaacag gncngttttc caaccatttn 720
cgnccttttt tcttaaatng ttgccttggn ccgnattntt aaaaantcnn natnctaaaa 780
tagcccgana agncttttgg ancaacnttn taaccttggg ng 822

<210> 3459
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3459

ggntcttcna	atgctnngct	ntngttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtcacct	ccactagagg	gggataaaaa	ggataatagg	aaatcagaat	attttgattt	120
gtagttcaac	tgttgatcaa	ttatctttga	gacttttaac	attcatgact	aaggaggatt	180
aataattaac	atgagctgta	gaattaaggt	ttgtatggca	tgataagtat	aaaccagttt	240
tgggaccgct	ataattctaa	aaaagcaggt	agactagatg	attagttgta	cacttattac	300
tgctaattct	tgattgtaga	acaaattttc	ctatgaaaac	catgttgtgt	attttatatc	360
tctattagtt	cgttaaaagt	ttancagttt	tagatgtcga	accagtaaaa	aacaagttgc	420
ccattctatc	atttttttta	ttgtggtaaa	atatatttaa	gataaaattt	acgattttta	480
ccatcttaag	tgtacattgg	tacagtggca	ttggttacgt	tcacaatggt	gtacaactgt	540
cateccctatc	tattttccaa	gctttttcat	cacccaaaca	gctctatacc	cactaacaac	600
aactccacat	cacccactcc	ccagccctgg	ttatctctgn	tctactttct	gcctctatga	660
attcggatat	tccagttggn	ncatataagn	nggactcata	taatatnngc	ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

tctttttctaa	tgcttggtc	tgtttctttc	tgcaggatcc	catcgattcg	tcaccatggt	60
gcccaggcta	gtcttgaact	cctgggctcg	aatgatccct	ccaccttggc	ctcccaaagt	120
gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	catgagtcac	180
gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaatca	attagtttca	240
gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	caaaactaga	300
gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	gcttgaaact	360
agttcaccta	aagctagatc	tcttaaaacc	aatttactga	aaacttgttt	gcttaaagtt	420
aatgacttaa	tgactaattt	gccaaaagct	caattcctat	tttgggtgtg	ttatatccat	480
ttaggtgtcc	tattcttttt	tgtcatgctt	tggatatttc	aaggatttat	atctattcat	540
ccaagagtac	ttctgagcta	ttatcagcaa	cataaattta	tcaaatttgc	agcactttgt	600
aaaatgatga	gaatgcttcc	tacctttatg	gatgtctntt	tctatgggat	ctaccattca	660
aaaacttttt	taaaaagttt	aaaagttcta	gcaataaaat	ccaattggta	cagacatttt	720
gggtatcatt	ttttggttct	taanccann				749

<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

cntcatcct	ttttacagnt	tttnaactnt	ttcngcagnn	ncncganc	cgnantnca	60
nntggggaac	atcttcttgt	ctgctggaca	cctgatttgg	gcccggttct	ctgccattcc	120
tttctgcaat	tacatgggtt	tcccagctgt	tttgccgggc	cttgagacac	ccacagaggc	180
ggnccctgct	ggcangetat	gccctgggtg	tgggactctt	cctgcttctg	ctccagcccc	240

tnacggaccc	caagctctac	ggcagccttc	ccntttgtgt	gcttttggag	cgggcagggg	300
actcagaggg	tcccctgtgc	tcctgacctt	tgctcctgga	tacgctatga	actctcaccg	360
gctccccagc	cctnccanc	aaggggtact	gccangnna	agnggcttgg	cctngggtec	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
tccccagggg	acccaannag	caanagtaag	cnncaatttn	cnnaaaanggg	tgcnncccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgncaggngg	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttctatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aaatanacctt	ctttncagng	gcttnnntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacctt	atnccctncg	ggnccttttcc	nacacntant	840
tgncacttct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggngana	900
nttattttcta	taatccacac	taatnncann	tacnt			935

<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3462

nttttgtata	ctttnccttt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatttta	agaaaatgta	120
actttgttac	atcaaaatat	gttgcttagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagctctgct	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagtgtc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3463

gcttgnetnc	tnctttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttgggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaagggtta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagttccc	tacctgggta	atTTTTTcaa	660
taaaaaactn	aggttctcag	gtttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464
 <211> 789
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

tnnttntcca	cttggaaacc	cttttnngaa	ancccgagg	nateccateg	attcgctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttgggtcagg	ctggtctcaa	actctngacc	tcagggtgatt	180
cacccacctn	agcttcccaa	agtgtctggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcgtt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangate	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatecngatt	540
actcnntaac	atagcctctc	ncettancgt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccncccant	ncccaanccc	ctcccannac	cccctctccc	ncccaacct	caactcnna	720
tcnccacc	ccactenncn	nncannccct	cccccccacc	cccnnncct	acnctcct	780
cccatcncg						789

<210> 3465
 <211> 757
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

ttncctccnc	ttaatccatt	ccttnagcct	tnntgcagat	cccatcgatt	cgcttttctg	60
gagggagaca	cccatctcct	gcocttggac	atcaggactt	ttngttcttc	ggcctttgga	120
ctcaggcttg	ccacagangc	ctcccagggc	tctcggccag	tcagcctcag	aatgagagtt	180
acaccactgg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tgggccagtt	cgccctaata	atcccctctc	ctggccgggc	gcggtagctc	tccccgttaa	360
tctcagcatt	ttgggaggca	gaggtaggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgctgggtgc	ctgtaatccc	agctactcng	gaggctgaag	cangagaata	cttcgacctg	540
ggagggtanag	gttgagtgga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaacccat	tcanntcct	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720

tnccccncca cccccnngng tcnttaatcc cnanncc

757

<210> 3466
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 3466

ntttcttttn	ttttccnaac	accnagccta	cttggttctt	tntgccanga	tccccattcg	60
attcgtgccc	tcaggcagcc	aaagcacttt	aacccttgca	tagggagcag	agggcggtac	120
ggcttctgga	ttgtttcact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcccttc	tgggtaggga	gctgtctaata	240
ccaagtccca	ggcttttggc	agcttctctg	caaccacccg	tgggtcctgg	ttgggagtgg	300
ggaggggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggg	ggaggttggg	gagctgtagg	agagctagtg	420
agtcgagact	tanaagaatg	gggccacata	ncancanagg	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcngggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnataggg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggccccct	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngcccctgac	tccctgceng	gnggtattng	gggaaacttt	720
ttgacncaaa	accatcngnt	tgctnnctgg	accttttgca	ngccccttta	nccccnttnt	780

<210> 3467
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

<400> 3467

caacngctct	gntctttttg	caggatccct	cgattcgaat	tcggcacgag	aagacttttg	60
aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	agcctcagca	120
ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaaccctaa	gcaggctgac	agtgtagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagttagga	240
agcacattta	cagggaaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtcccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtacag	catgtcatcg	420
aagaccatga	acgtataggc	tatcagggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgatc	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggg	tcccttgctt	ctgggaaatgt	ncggctcttta	ccatcacagc	600
agatggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgttctgtat	aaaatgcaaa	ataaatgggtt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3468
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 3468
caacngctct gntctttttg caggatccct cgattcgaat tcggcacgag aagacttttg 60
aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
agcacattta caggggaacat tttcagcatg tggcagcacc ttacatagca aaggcaggag 300
aaaaatcact caatggggca gtcccccttag gctcgaatgc ccgagaagag agtagtattc 360
actgcaagcg atgccttttc atgccaaaagt cctatgaagc tttggtacag catgtcatcg 420
aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
ttccccgatc caaaccttg atgctaattg ctncctaaacc tcaagacaag aagagcatgg 540
gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggctctta ccatcacagc 600
agatgggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
aaaaaaaaac ntcgagccct n 741

<210> 3469
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 3469
ggaactggct caggctggat tactcttggc gctgtcttgc tgtactgtat gccactggga 60
tctgaacact aaacattgct aagaaaccca cccaccacca ggatatttgg aagtaacttc 120
acatatggaa aagttaaaga ctacgtctct gagaaaacaa ttggactgat gcgaatgcag 180
ttttggaaaa aaactgtgga agatatatac tgtgacaatc caccacatca gcctgtggcc 240
attgaactat ggaaggctgt taaaagacat aatctgacta aaagatggct tatgaaaatc 300
gtcgatgana gagaaaaaaa tctggatgac aaagcatatc gtaatatcan ggaactggaa 360
aattatgctg aaaacacaca gagctctctt ctttacttaa cactagaaat attgggtata 420
aaggatcttt catgccacat catgcttgca cgtcattatt gnaanaagcc ccnaangcat 480
ttgtccacct gcntngaagc gncaacaccc ntnttccttg ggggaagcct tnnncaaaaa 540
ggcngttccc ntntctccat ggnnttntt ntncnnttg cctncnttn ggccgatttn 600
cactnacna angnacctt nntttctctg nnatggatat cccaangnc ttttnnaccn 660
nctcgnaccc acnanctggn taantctnac atctgcaccc nttctggccn cctctctcct 720
cggntcacct anctccgan ccaccnatct cncctnccat tggctctctg aggnctcct 780
ctnttnnctc tctcacatna tntantntng cncncctt ntncgtnta aatanntcca 840
tntctctcn ccngnttat 860

<210> 3470
<211> 1191
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1191)
<223> n = A,T,C or G

<400> 3470

tgttttg	ttgaacc	tttggnant	cgcaggat	cccatcg	cgaattcng	60
acggaga	ctttggg	cacacatta	aatattct	tgcttttn	cgccagcgc	120
ccaagtag	gntcagc	tttcaaag	aaaaacaaa	atgatggc	taaaccta	180
caggctga	gtgtanag	agctgttt	tactgta	agtgcact	ccgagatcc	240
ctttatga	tagttang	gcacattt	agggaac	ttcancat	gncantact	300
ttncatant	caggcnggn	aannnatc	tcaatggg	ntgttnnc	tangctct	360
atnttct	cnntann	tgccancnn	ctnnnnnat	nctnnnnn	ntcnctnn	420
cccttaatt	ccgntnn	ngcannt	cnnanct	nacnana	nactcata	480
tttcaac	ccgtccnt	tcatcaac	nnnnngt	gcatttn	cactctat	540
ctctctnn	ncnnnttt	ntntcgat	ctcttnna	cactacnt	ctctctna	600
ctcanant	tcttntct	ctactctt	nacngtn	aancctct	atctaten	660
cntnnnat	acancac	ctctact	acacntct	catcagac	tctctant	720
acanacga	ctnncct	ctnttacc	ngnagtc	ntctcnn	acttnaat	780
cacnnnt	ctnnccn	cnnctat	gcattnn	actcact	tcnatnct	840
tntntncc	ntctctct	ntccnant	ngatacat	gtccanac	nancnttc	900
atcnnct	tgctnttn	cactntct	tntcacnt	tannacat	tctctntc	960
acgttan	caatacgt	tntacct	tattntnt	tgacacan	ctcctcct	1020
ccactcac	tgntcacg	tctgcga	ctacncan	cgtctcac	ntnanate	1080
ctctacant	tctnacta	actctctc	tentctct	acancnt	catctctc	1140
tacctctc	cgtntata	atatacct	tncactct	tnanngt	t	1191

<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3471

ttaccttt	ctcccgnt	ttttgcagg	cccatcg	cgaattcgg	acgagggct	60
acttgcc	ttttact	gatgtttg	tctgtgt	ttaacact	aagcagctg	120
tctcacct	aggcta	ttttaag	gtttcttt	cttttttta	tttaaaa	180
aaaaaatt	taatta	tttttaa	aaaaaaa	attaatt	tttaata	240
aggatctg	tatgctg	aggctggt	tgaactc	gtctcaag	atcctcctg	300
cttggcct	caaagtg	gtattac	tgtgagtc	tgccactg	caagttt	360
ttttctgt	acatttct	agccactt	atcaaaca	taattaac	gctataat	420
atgacttt	ttactagg	aacaaatg	gcacttgg	acttactt	gttacagc	480
cactttct	ttttgng	aaattctg	ttgacata	ctttaatt	tttttac	540
ttctgact	ttttctgt	tttggaat	ttgngatg	tgcttatt	aataat	600
acatatag	ttcttttg	acataaat	tttcattt	atagtaag	ccaggcttn	660
ccatcga	ttgatna	taatccat	ttcatgg	cttagaga	ggatattt	720
aggcctct	aactan					736

<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3472

nttttgtata	cttttcccctt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccaacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatattt	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctatct	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtg	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgtct	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaagg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtgc	tcttgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3473

tctttttnan	anctcnngcc	ttctgcagg	atcccatoga	ttcgccacga	ctcatttgtt	60
tcattcacat	tcctcacgtg	caacaacata	attatatatt	aagaaaatgt	aactttgtta	120
catcaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccaggga	ggaggatgtt	tttcttcttt	tctctatttt	tccttaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctngcctca	gtttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaat	gnttctaaaa	caccggcact	ttcagcagtg	ctcnggtggc	ctgagatgag	420
agcccgtgtt	cagaagtgcc	tgggagtggc	ccactgggaa	actccgcttg	cacngacct	480
ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaaagt	tgn cattgat	ttccttngan	gccttttnaa	nncctccnc	600
ttcttttttg	nntttaaaaa	anaaaaaagg	ggtntnttat	cantggntcc	nnnttctggg	660
aaaaaantnt	tgggcaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcaccag	nnaacngnaa	tttccccctt	tncnggnat	gggctcngtc	ggaaatgcng	780
ccttnoctcn	ggaaccantt	ctcgggcccc	naannngtnn	nnggccnatt	tcnctggna	840
aaaaann						847

<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3474

tctttttnan	anctcnngcc	ttctgcagg	atcccatoga	ttcgccacga	ctcatttgtt	60
tcattcacat	tcctcacgtg	caacaacata	attatatatt	aagaaaatgt	aactttgtta	120
catcaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180

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aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg cccagagcat      240
gagccaggga ggaggatgtt tttcttcttt tctctatatt tccctaaatt gtgcaaacat      300
angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggg      360
tcttcaaant gnttctaaaa caccggcact ttcagcagtg ttnggtggc ctgagatgag      420
agcccgtgtt cagaagtgcc tgggagtggc ccactgggaa actccgcttg cacngacct      480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg      540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctccnc      600
ttcttttttg nntttaaaaa aaaaaaagg ggtntnttat cantggntcc nnttttcggg      660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc      720
cgcacccagg nnaacngnaa tttccccctt tncnggnat gggctcngtc ggaaatgcng      780
ccttnctctn ggaaccantt ctcgggcccc naannggtnn nnggccnatt tcnctggna      840
aaaaaann

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<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 3475

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gttacgctac tgggtgttcaa ttattagttt gtaccatttt taatttatgt cagttgatgc      60
atctgaaaat aagtgccttg agtggtcgta cccttatatt ttttaagatt cctagaagga      120
atcttnggtt aattcagatt gagcanttaa agtttttgcct atttaccttt gtgcaggctg      180
gcatatgcta atttgggggt ggtaaccaac cgattttatc tcatgtaagc attacatttt      240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcattgcact gacctcttct      300
tggagcccag aactttatag agttgcctac cagggtttac tgnatggaa tttatgatct      360
taagaaaatta ctagtgcctat tatttatccc tatgattcat tcattcaatn aagentttac      420
tgcatataact ttacataccng cactgtagct taagtncccc aaaaattgaa tngnanntaa      480
ttgngctntt cganaattgc ccaacgcnnn gccaggcca ccgggtggntt naccgcctgt      540
nggtccccag cnttnctcgg ggaangcccn agcctnccg gancccnag ttcnnnaaaa      600
tccagacctt ccctggntaa cnnccgtcaa aaccccggtc tnttanta aaatncanaag      660
atttanentn ggccttggtg ggcnccccc cncn

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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3476

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tctttntntn ccttttcgnt cntgttcttt ttgcaggatc ccategatc gtccaccatc      60
tatgtcctct ggacgctggg ctccctccgc taccactgcc agctgtactc cgagtggaga      120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag      180
cattctccac tggcagctgg actcctgaag aagggtggcag aggagacacc agtatgaatg      240
ctgggctctc cggacctgc agcagagagg ccagaggtag ctgggtgatac cctgtcctgt      300
ggaaggactt ccacttcaac acttccactt caacagtcc cgcacggcct gaacgcttct      360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg      420
tttttttttt tttttgcata tggaggacag gtggacatgg tcttgagctc tggacggagc      480

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angcaccctg	atctcattct	gaggteccaca	tggcaccttc	tgggccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgctttntg	600
caccncgcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	acccctgaa	tgaattaaaa	nggagcccct	ggcttggaaa	aaanaaaaaac	720
atctnnct	nnntatcncn	naaaananaa	ccnnnggcct			760

<210> 3477
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

tntatatttn	tttccaancc	tttgctactt	gtctntttgc	aggaccctac	gattcgctgg	60
aaacctttac	cagaaagtga	cgggcaagga	ctgagatacg	aggcctgat	gggcaaacc	120
agcatcctca	cttaccagta	tgccgaggac	ctgatcaggc	gacaggcgga	gaggcggggc	180
tgggccgccc	ccatccggaa	gctctatgct	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaacc	tgttccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggccgggg	gcacacggca	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcgtctacaa	tcccaggaa	ccacagtcca	cggagcctgt	ccttggagga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	tttactgnat	ngtagtttat	600
tgccccgaga	tggtggggct	ttttttttta	aataaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

tgttttgttt	ttgaaccctt	tttgggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnggnn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctent	cnntannenc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcncnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnancatnc	nacncanaty	nactcatatn	480
tttcacnenc	cctgccttat	tcatacaan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnaacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aanctctct	atctatcnca	660
cntnnnatat	acancacnet	ctctactanc	acacntctcn	catcagactc	tentctantc	720
acanacgatc	ctncnctcta	ctnttaccga	ngnagtenc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cncttatntc	gcattnnatnc	actcactent	tcnatnctta	840

tntntncnc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnntctnc	tgctnttntn	cactntctcn	tntcacntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgtcn	tntacctctc	tattnttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgccaaca	ctancantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acantntca	catctctctc	1140
tacctctcca	cgtntatac	atatacctcc	tncactctc	tnanngtnt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3479

gnntttannc	nnttgaaanc	cncnngctac	ttgttctttt	tgaggatcc	catcgattcg	60
aattcggcac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatcctaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtagc	180
ttntttccta	tgatggtaaa	tgtnccttgc	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tggggtcttn	ccaccatgtt	300
cccaatgact	gactgctgtt	tcagtccana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantgttg	ttegtgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	ttaaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aagggaacagc	tggagaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3480

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttctactg	gtgaattcaa	tcaaataattt	aaggaacaca	taataccaaa	120
accataaac	atncaaant	atggcccttc	agattttgtg	cttcttttng	ggtcagtgtt	180
aataatacgt	atcttttcaa	gaatateccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggatgt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaaggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
tttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tgggtcaagc	tctgnttggtg	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnttacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggngaacc	ncactng					737

<210> 3481
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 3481
tttgaaancc cttagctctt gttctttttt caggatccca tcgattcgaa ttcgggcacga 60
gattcgaaca tatgcagtta ttccactaaa tgatgaatgt gggattattg aatgggtgaa 120
caacactgct ggnttganac cctantctgg ccnaactatt ttaagaaaaan gggngtggtt 180
tttgaacagg aaaagaacct tcgcccgggtg gtatgcctcc aaangcagca actttatctg 240
gaaaactcaa angtatcccg agaattttct ctgnccaggc atcctcctat ttttcatgan 300
tggtttctga gaacattccc tgatcctaca tcatggtcag tagtagatca gcttactgcc 360
gttccactgc agtaatgtca atgggttggt atattctggg gcttggagac cgtcatgggtg 420
aaaatattct ctttgattct ttgactgggt aatgcgtaca tgtagatttc aattgncttt 480
tcaataaggg agaaaccttt gaaagttcca gaaattgngc catttcgcct gactcataat 540
atgggtaatg gaatgggtcc tatgggaaca ganggtcttt ttcgaaaaca tgtgaaagta 600
caatgangct gatgcctgat cancgagagc ctttaatgag tgncttaaaag acttttctca 660
tgaaccnntt ggggaatggg gtaaaccatg naangggcnt tccaaacgcc ccttgaatga 720
aacctgga aaattgncaat gaaaaggcca aanccnttnt 760

<210> 3482
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 3482
tatnataca agctacttgt tcttttttgca ggatcccatc gattcgcaca gttctgcatg 60
gctggggagg cctcacaatc atgggtggaag gcaaggagggt gcaaaaccat gtcttcacat 120
atgggcaagg caggaaaaac cntgtccagg ggaacctcca nttattaaac cnntcaaact 180
tcattgaaga attaatcact taccacgaga accagattgg gggaaccatt cccatgaatc 240
aattattctg cacctggccc caaccttgac acgtgggaat tattcaatgc cagggtgaga 300
ttgggtgggg acccatccaa ctatgtcaag tatgttttga cttctggcct gattgctang 360
tttgcataga ngacaaacat ggaaattaat gaagtacctt aatatctggc ttcagatctt 420
agacaggatc aganggccag ctcaaatttg caaggagggg aggtagatcc caccatttta 480
tgggctatgg caaaatcaaa cagaaattat gtgggatggg agatctgatg cangcatctt 540
tggaacatc tacttagcta attttatgct aggccttagg tcaagaagga gagaaaaagc 600
tgcagtctgt ggtacacact tattgtccca ncgacttggg aaactnangc aggangattg 660
cttgatccca agaatttgan gtaatgtgcc aagaaccgtc ttgngaatag ccctaccct 720
gaactcaact tgggcaacat tganaaaccc tn 752

<210> 3483
<211> 783
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3483

gnnnnnttnn	nnnttttaan	ccttttagcta	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagaggcgt	ccttgcgga	agggcatttt	agctgaggct	ttggagtacg	120
aataggagct	cagcaggcag	acgaaatgaa	ggaantaaag	gtcagaagaa	aggtcagaag	180
cttgagtgc	gttttgaaa	tccaccccg	tttatttggt	agaacttggg	ggttcaaaag	240
ggccaggtgc	ctcagaattt	gaggccaca	cagtgaggtc	tggtgggggt	gaaagggacc	300
caggaaccga	ggcggttcagg	aaagcagggt	gtcagagcta	tgtggagtct	gtgggtggca	360
ngggcaaccg	ctccagcctt	tgaagacttt	gaaagccaga	gattcctgcg	cangcttgga	420
cttcctggga	gctcctccaa	gtacccaagg	gcacagagc	tgctgggtg	ttacatggcc	480
caaggaaccc	aggttcangg	taggacaggc	aagaccagat	cccaatgtgc	aaagtgaaaa	540
cactgggctc	ctgttaaacy	atgaagaatt	caagacagtg	acagcattac	gtcacccttg	600
gggacaaang	tcaacctaa	gtgacacacg	gggactactg	tgctttcgga	ngctnctgt	660
gtcctggagg	anaaaagctt	tanagggggc	aactggacaa	cttccacttg	caaaaattcca	720
accttgcttg	ggcaaggnc	cngnctggga	ctnaacattt	ttgatatgcc	ttaaaaatta	780
ttt						783

<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3484

tacangctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	agggaaaccat	60
gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	ctcttcctta	ttgggtagag	120
atacatcatt	actggcctca	ggggtttacc	caaagaaagg	gtatttttga	gcaaataatg	180
tgatttctctg	gctattttgt	tgggggctta	agattttttt	ttttcaaagt	catttttagt	240
cactaaaaat	taactgtcgt	accatctaga	actatactgt	ccagtaccat	agcctctagc	300
cgtatgtagc	tatttgtatt	aagattaatt	gaaattttta	atccagttcc	tcagtcacac	360
tagccacttt	ctaagtgtct	agtagctctg	tgtgaccagc	ggctactgta	ttggatatta	420
tagaagggtc	tttcattcaa	gatcatcatt	cttgacagac	ccataaatat	ttcctataaa	480
gactgtagaa	gtgtgttctg	gagggtttgc	tctccaaaaa	gaattgtaat	atagagtaga	540
attgggatag	agtattgaag	acactgggtt	tagacattgg	atattttaat	gattgggngg	600
tctaatacatg	tgctgcaact	gagttatcta	gngatatgac	ctcctgcttg	ccaaagccng	660
aattnaagca	ggattcctga	atctatctta	aaattgcaat	gaaaaccttt	tccctaaaaat	720
atcccttttg	ttaa					733

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485

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ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg      180
ggccagcaca gcaggagagg agggggacac aagccttcgg gaagagcctc catccagtca      240
ctcggctctt taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag      300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc      360
cgacctgtag tgtctccagc aaatggggtt gaaggagtcc cgagtggatc aggatgatga      420
tcaagatagc tcttcctgaa gctttctcag aacattgctg tcagactgac ttttaagacag      480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag      540
agagaaccct gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag      600
aatcagcttc caagtgcaat taaagcactt cagcaaagga gagaaganga aatgaagaat      660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga      720
agattgagaa agagaanaag gagtttttgc aaaagganac ggactgaaag ctgaaatgaa      780
aaactttttg aaaaggccaa aggtan                                           806

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<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

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cgaaactgac catgaaaccg ggacgggcat ttgggtcaag tgcggttnc agtctttggg      180
aaggtggtct tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg      240
gcgggecttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg      300
gtgccgaaa gattgcctgc caganggact tgaccacagc ctggctggca actgctctgt      360
ggagcacctc caggactgag actgggctct ggtttccaag ggtcttctc agggccctca      420
ctacacctgg aagtttcaga acccactttg gggggcctcc tgccctggga ggctcttcaa      480
gtgtggccct ctttggagtc aaccctnctt tccgaccccc tccctctagc ccagccccag      540
tcactgtcan ggtcgggcca acccctgcac tgccctgtcan antggcctgg gctaggtcac      600
ttcacctntc tggcctaatt tncccccttg agtccctaag gcctggaagg tgggaagtat      660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc ccttgttcca      720
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aggancaaac cn                                                             792

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<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

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tcccttgggn nnnnnnnnnn tttannata nagctcttgt tctttttgca ggacccatcg      60
attcgaattc ggcacgagga aaacatctaa ctaagatggt ttcactggtg aattcaatca      120
aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga      180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt      240

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tttttttggg	agagataggg	ttttgccatg	ttgttggttag	caagccctaa	ccctgtcata	300
aacaggcctt	aaataaactg	gccataaaca	ggatttctgc	agcaatggga	catgctcatg	360
atggctgtca	tgcacactgc	gaaaagttgt	tggtttactg	gagcagggca	aggaacacct	420
ggccccgccc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
ttggcagcat	gtttttgctg	cagataatca	gccagagcct	gtttctctgc	tcctcgctga	540
gattgctttg	tttcccataa	agattgcttt	tagctaatact	acaatctata	gaagcaatgc	600
ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgnt	720
tacgtanac	cagacatgat	aaganccatt	ggtgagtttg			760

<210> 3488

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3488

gnnntntnnn	nnntntnatn	gcctnaagct	acttgttctt	tttgcagga	tcccatcgat	60
tcgaattcgg	cacgaggtcc	aggcttcctt	ctgatggcca	accacacctt	aatgctggcc	120
agtctatctc	acacaaagtt	ctaagttttc	caggtgtcat	agtaactcca	tagtctcctt	180
aaatcccttt	ttgaaatfff	tcaacatagt	tcctagtggg	atgggcttac	tttgtgcctg	240
acccatgttt	tctcaagaca	aaacaccatg	gcaggaacag	ccacttgcac	ctggccccgg	300
tgccacactg	cgggtgcttg	tgtggttggt	gagcctgtcc	ctgcgcgcct	tgctcccgtt	360
gagccacgct	gtctgggtgg	tgattctctg	cctgagccac	caccctggac	tggccagtct	420
ccagagctgg	cacaccctgc	tgttttctct	tttttagacac	aacagccgca	gtttggcagc	480
cactaagtc	caccagctga	ggtccgagga	aagcgggggt	actcatttcc	cttgtcaggg	540
cccaggagga	gtgaggtgtc	cagcctgcaa	agctattcca	gctncttggt	gttggttgca	600
ataaattggt	atttaacaaa	caaaaaaaaa	aaannnaaaa	aaaaaaaaact	cgacctntaa	660
actatagtga	gtcgattact	anatccagac	atgataagat	ncatgatgat	ttggacaacc	720
cacttgaatg	ccntgaaaaa	atgtttnttt	nn			752

<210> 3489

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3489

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tgagccacct	tgcccaccca	catcatacag	ttgaaatgaa	actttgccac	aaccagcctt	180
tgctgtacac	acacatatat	cactgaacct	gggtgaaata	aagntttttt	tctttttcct	240
ctggtattct	gggttctgaa	gtctggtatt	ctggtattct	gggttcaaaa	gtatgacttg	300
agagtgttgc	tctggtattc	tgagagtgtc	tctgtattct	gggttctgaa	gattatttga	360
aaaataactc	ctactacatt	gaaatgcaga	cttaaaaaat	taaacattgg	attaggcagt	420
caaaaaaacc	aagcaagcat	aaaaggtcaa	taagttgtaa	tcttgatagt	aaaggtggaa	480
aacttattat	aaatggaaag	aaagtttatt	tccttttttg	gttgatgggc	agtatgccat	540
attataccca	aagttctttt	aaaaaatatt	tccatcacca	tttttattta	aaataaacat	600

ttgagggaag	taccaaggca	gcttttttcc	tcaaaagtac	ctggtcctct	ttgggaatag	660
cacattttan	gggcattggg	taatcctgag	attttactca	ntaaatcctg	atgggtactgg	720
gtgtaaaata	tcttttagtng	gattgaaggc	cttgnggggg	a		761

<210> 3490
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3490						
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cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcggcacg	aggcaaggcg	120
ccgggggaca	cgttggctgc	gttttcggcg	ggcttcggcg	tcaaaaatgg	ctggggcttg	180
cgaattctnc	tgggctactn	cgtaggcana	anggccantt	tgggccccga	agttctgggn	240
gtcgaaattc	ggccggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttggcccgga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aaatgtttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctggttgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	cettacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 3491						
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ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctggt	gggccatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaacc	ccgangganc	aacaaagtgg	240
ggtggggccgc	attcctggca	ttgtttcaac	ccgggcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagctgcttc	aatttccccg	nccgncatcc	ttccccgaag	cttgtcccgt	360
ggccctccac	caagcctctt	gaccaccta	ccaccagaag	ccttgcagcc	ttccacatgc	420
cttaaggggg	acogtggccc	ccaccagggg	acgtcctgcy	ccatccgttc	acgtctcttg	480
catcattcct	tcattgtctt	atttagttgn	ttatttattt	aagttattta	tcttattgag	540
agggtaggag	tgccacggct	gcccgtttac	accttttagc	tctggctctn	ctgcgtgtcc	600
tcccttcaact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccggttg	ctgctnaaac	cttgcanget	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggccccggga	agggtgggaa	caagtgtcct	780
tctgtcgten	nnttgccgng	tgcca				805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3492
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 atcccatcga ttccgaattcg gcacgaggna atgacattca tgccagttct tccctgaatg 120
 gcagaagcac tgaagaagta aagcccatg gtgaaaacct ggggccaaac tgggaaatct 180
 gntgggtgnc tccccccang ntttaaagga gatcaatgtn gaaanggtan cnggattcaa 240
 catttggnca agccgattca agaacagtga aagttattgn ggatcttatg ggaccaattt 300
 gggccaagaa gaagtctttt agacagcttt acgtccaaca atgggaccca tttcaagtat 360
 tacttggtg ggcattccag tcaacccatg gaaaattctg gatttcgtga agatattcaa 420
 gtacctcctg gaaatggcaa cattgggaat atgcaggtgg ttgcagttga aggaaaagg 480
 gaagtcaagc atggaggaga agatggcagg aataacagcg gagcaccaca ccgggagaac 540
 caggcggaga aactgacgaa ttctctaatt ttagaagang aaagangaca taggatgcaa 600
 cactttgagc gaaggaaacca aggcccgga ggtgggaant ggangtgatn ggganccctt 660
 gggcttcgac cagaagggtc cgangcagcc tcaatgacca natcgctcg tgctgatgaa 720
 actgcaggag gacatgcnaa atgtccttta aagactgcag aaactggnaa ccctactgnt 780
 tttcaggcna aaaaa 795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3493
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 ttaggagtta gaattttatt ctttggtact aaggaatcat tgaagatttt aaaattagg 180
 ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacaggtgc 240
 cagacaccag ttaaaaagct gttattttct aagcagtaga caaaggttta cactgacaat 300
 agctgtggag atagagaaaa gctgcgagat ttcagagttt tccaagggtt aaacaactaa 360
 attttgtgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg 420
 gttgagttgg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag 480
 gattgttcat tttgtctttt gttgtttnt ggggaacagg gtcaaaaattt tcattctgcc 540
 taangtaggt tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt 600
 ggaagaaagg caaccattag taatattttt tgaagttccc tacctgggta attttttcaa 660
 taaaaaactn aggttctcag gttagcnaga atcatggtct taggaagggt ancttgtaag 720
 acccaaaatt atnt 734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

<400> 3494
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ttcgaattcg gcacgagcac catcgaatat ttttatattat tttgagagac agactctgtc 120
accagggcta gtcttaaaact gttgggtgaa tcttaagtga ttctcccacc tcagcctccc 180
aaagtgctgg ggattacagg gcatgagcca ctacccttgg ctgtgatcaa gtatttttagt 240
ctgttggtta aatgtttact aaatagtcctg aagtagagaa aatagcacc aatctaaaat 300
aaggtgaggt ctagtactt atttaaactc acatttttaag ctatagttta ctattagttt 360
aaactttaag acaggtaatg ttcatgctgc agacaatcta agggcattat taaaatgttt 420
gttcttcctt atctcagaat tgaagtatgt cagaagcaag acttttcttt ccattttgtt 480
atagtagaaa tgcatacatt aacaggtagc ttttagacat tacacgtgct catctgccc 540
aaagctctaa tgagctgcct taccctggaa tgttttctt agcttggaat tgcttttttg 600
gagggattaa gaaaagactt ggctgggctg tgggactcat gctgtaatc cacanttttg 660
gaaccnagcg gtggatcatg angtcaggag atggagacca tccggctaata acggngaacc 720
cccgttttta ctgaaaatcc aaaaattact gggcgtggng gcggcn 766

<210> 3495
<211> 872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (872)
<223> n = A,T,C or G

<400> 3495
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gccaggggna atnccccca tnccggnatt tcccggaaaa ttccgggnc caccggaagc 120
cctgggggaa aaaatgggaa aaaatttnat ttnatttttt ncaaccccc atttaggntt 180
angcccaaat ttaaaaaaaa aggaaaatta ccttccaagt taaantanc gttantnggg 240
gaaatanctt acctttaagt tccaataaaa aaaaggggga aatggaaaaa taaatggggc 300
attttttgga ngcaancctt ggggantggg aaaactgggg angaaccatt anttcttaaa 360
agtgggaangt aaccttcaag ggaaaatggg aaaaaccaa cgggtcgggtg gtggttcttc 420
actctttaaa gtggggaagc taaagcttgt ggagggaccc aaagggccta agaaatgata 480
caatgggact ttggagactc aggggaaagg gtggggaggg cggtgaggga taaaacagtg 540
ccactgggtc agtgtcactg cttggtgatg gctgtccaaa atctcagaaa tcaccctaaa 600
gacttattca tgtgcccaacc tcctgtccca aaccttttaa aaaaatgcgc catccccca 660
tggaataaaa gtcaacagcc tgcagagcaa aaagactggt tagtaactta aaatattcca 720
aaagagactc ctcatgccta ctagttcact ctgaatctat caaacacgta aaggaatttg 780
gttcacacca ccaccacccc caatcttnac aatctntgag aaacagagaa ganggaattc 840
caactccttg tgaggcagct tcctgtccca tg 872

<210> 3496
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (710)
<223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnnecgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggnan	60
ctnccentac	tccntggatg	tgtgtacctt	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtttg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttccact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcattct	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttcctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	tctttanaat		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3497

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tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaaagccc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggctcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccocag	ccactgtagc	300
cagtttgtga	cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcattggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatacaagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataatact	acttaccnng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaaat	720
ataggggggn	gnnttaacna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnn	nnnnnttttn	nannnnnnnn	tnnttnnnnn	nnnnnttttn	aaaaacagct	60
cttggtcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tgtttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcagggtttct	tttcagtgtt	ttaggtattc	agtatttaaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttgtt	taattgagag	360

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aagtctgctg tgttcttgtt gatagaggac catcctagag ttgggagtg cgtctgcaca 420
gcaacaaacc cagagtctac tttggatcac cttatatagt tcatgagtaa tcagcagatg 480
cctttccttt ctatgtctct ctctcagtga aaggcactgt ttcttccact tggtgaggaa 540
tggcctaata ctcattgtct gtaacaggaa tgctacaact gctcaaattg taccatttat 600
catatttggg aaggtcttgc cttagtcttg cctgttcaat tataaaagga aagaagacgt 660
aaaagatgta gagttgtctg ngtgattttc cccccattat gtcagaagag gccttaagaa 720
aactaatacc cccacaaat atatcttttt agatttctat tatatatttn gncctatcaa 780
ga 782

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<210> 3499
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

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<400> 3499
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caaaagacac atatacccat agtacatgta ataacacaca taggctcaaa gtaaaggggt 120
ggcgaangat ctgttntgca gatggaaaaa aagatcaggg gtcactattc ttgtttcaga 180
taaaacagac tttttaaatc aacaacagta gaaaaaggac tagggcatta cataatgaag 240
aaggggtcaa ttcaacaaga tttatcctat cacacccaag attggagcac tcagatttct 300
aaactattat ttctagacct aggaaaagaa ttaaacggcc acataataat agtggggggac 360
ttcaacacct cactgacagt gttagataga tcatcaaggc agaaaactaa caaattctga 420
acttaaatc aacagttgac taattgaacc taatagacat ctacagaata ctccaccac 480
caacaacaga acatactttt ttctcatgtg cacatagaaa atactctaag attgaccaca 540
tgctttgtca caaagcaaat ctcatgtaaa tcaaaaaaga ttgaaatcat accaagcatt 600
tcagactaca gcatagtaaa aatgaaaatc aacaccacag agaaactctc aaaacatggg 660
aactnaacaa cttgctnctg natgactttt tgggtaaaata taaaaatang gcttccttaa 720
ccctttttgn aacaat 736

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<210> 3500
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3500
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cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagAAC 120
agcgcagtgc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgctnctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattaggtt caggattgga ggaaaaatca tataaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctag gaaatgcagt ggaaatgatg 360
ctgtgttaact tctgaggcca agttataaaa gatcatgcac cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatata 540
ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660

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aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
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<210> 3501
 <211> 752
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3501
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 agcgcattgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
 ttgcgtntctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
 caattagggtt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
 ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
 ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
 tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
 cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatatc 540
 ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
 tagtagaggg cacccttggga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
 aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
 ttccctctgg tggatgactg angnctttgc ct 752

<210> 3502
 <211> 737
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3502
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 accataaac atncaaant atggcccttc agattttgtg cttcttttng ggtcagtgtt 180
 aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
 catgttggtg gttagcaagg ctaaccctgt cataaacagg ccttaaataa actggccata 300
 aacaggattt ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
 ttgttggttt actggagcag ggcaaggAAC acctggcccc gcccgagca aaaaactgtc 420
 aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
 tcagccagag cctgtttctc tgctcctegc tgagattgct ttgtttccca taaagattgc 540
 ttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
 tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaaaa aaaaactcga 660
 gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
 tggnaacccc nactng 737

<210> 3503
 <211> 738
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

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ggttcatacc	gacggggaaa	ggcgacctgt	ggtgatgtcg	acgtgctcat	cactcaccca	180
gatggctggt	cccaccgggg	tatcttcagc	cgcctccttg	acagtcttcg	gcaggaaggg	240
ttcctcacag	atgacttggt	gagccaagag	gagaatggtc	agcaacagaa	gtacttgggg	300
gtgtgccggc	tcccaggggc	agggcgggcg	caccggcgcc	tggacatcat	cgtggtgccc	360
tatagcgagt	ttgcctgtgc	cctgctctac	ttcaccggct	ctgcacactt	caaccgctcc	420
atgcgagccc	tggccaaaac	caagggcattg	agtctgtcag	aacatgccct	cagcactgct	480
gtggtccgga	acacccatgg	ctgcaagggtg	gggcctggcc	gagtgtgtgc	actcccactg	540
agaaggatgt	cttcaggctc	ttaggcctcc	cctaccgaga	acctgtgtgag	cgggactggt	600
gacccatggc	ttgggggtgc	tgangaaagc	ccanttggac	tggctacccc	ttctggccac	660
ccagtacttc	cttcagcctt	aactgggtga	acttgccggt	tcaaccacca	actttctnag	720
cgagcanggg	ccaaggct					738

<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

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aatatattaag	gaacacataa	tacccaaaacc	ataacacata	caaatatatg	gcccttcaga	180
ttttgtactt	ctttttgtgt	cagtgttaat	aatacgtatc	tttcaaagaa	tatccccctt	240
tttttttggt	agagataggg	ttttgccatg	ttgttggtag	caagccctaa	ccctgtcata	300
aacaggcctt	aaataaaactg	gccataaaca	ggatttctgc	agcaatggga	catgctcatg	360
atggctgtca	tgcacactgc	gaaaagttgt	tggtttactg	gagcagggca	aggaacacct	420
ggccccgccc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
ttggcagcat	gtttttgctg	cagataatca	gccagagcct	gtttctctgc	tcctcgctga	540
gattgctttg	tttcccataa	agattgcttt	tagctaattc	acaatctata	gaagcaatgc	600
ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgtnt	720
tacgtanatc	cagacatgat	aaganccatt	ggtgagtttg			760

<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

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ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	ttcagctatt	180
attgctaaag	cactaggtgg	gaatcattat	gaaaatttcc	atcctcaaat	agaaaggaga	240
tttgacatat	cctcttctct	tgctggttta	attgatggga	agctttgaaa	ttggaaattt	300
gcttgtgatt	gtatttgtaa	gttacttttg	atctaaacta	cacagaccga	agttaattgg	360
aattgggttg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	catttcttca	420
tgggatatta	taggtattct	aaagaaaacc	atattaatcc	atcagaaaat	tcaacatcaa	480
gtttatcaac	ctgtttaatt	aatcaaacct	tatcattcaa	tggaacatca	cctgagatag	540
tagaaaaaga	ttgtgtaaag	gaatctgggt	cacacatgtg	gatctatgtc	ttcatgggga	600
atatgcttcg	tggcataggg	gaaacccccca	tagtaccat	tgggggattt	catacattga	660
tgattttgca	aaagaaggac	attcttncct	gtatttaggt	agtttgaatg	caataaggaa	720
tgattggtcc	agtcattggc	tttgactggg	gatctctggt	tgctan		766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3506

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gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
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gcccgaacaa	ctaccacttc	ctgtccctcac	cgaaggaggc	cgtgggggctc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgtctc	ctttgttttg	ttggatgtag	gaagcatccc	agggagattt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttgggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatattttac	tgaagggaatc	540
taggttgtat	tttcagtggg	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccga	gagacatgtc	tgcgtgctgc	cacgcattctg	660
ancgattgct	cttgtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttaccagg	720
cnatgtncn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3507

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agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcataataca	aaatcaaaat	taattaaaaa	gttaaatcta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300

gtgggcaaag	atctcttggtg	taatacctga	caaacaggca	accaaagcaa	aagtggacaa	360
atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacccataga	atgtgagata	atatttgcaa	actatccatc	tgtattaggc	catttttgaa	480
gtctacaaag	aaatacttga	gactgagtaa	tttataaaga	agaggtttaa	ttggctcacg	540
gttttgagg	ctgtcaggaa	gcatgggtgct	aacatctgat	cagctttag	ggaggcatca	600
ggaagtctcc	acccatgggtg	gangcaaaag	gggaataagt	ttctccatgg	caggtgcagg	660
gcaaaaanan	gggggaagg	aagtgccnca	caaccagatc	ttgtgagtn	tcagatttgn	720
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<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3508

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ctccagttcc	tgggttcaag	ccatccctcc	tgcctcagcc	tccccagtag	ctggaactac	180
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gccggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggctaccgt	gtctggccgt	tcacatcttt	ggccactatt	tgcttgtgaa	360
aaggtataat	gaggtggtac	ttatcatctt	tactgngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatgggttat	480
catagttttg	ttagcaatac	actgtctttt	agtgggtgct	aaaataatgg	tatagttgtg	540
aggtgatctt	agatttgatg	aagcacagta	tgcaggtagg	cctaattggg	gaagatggta	600
atataaaagc	aagaagtatt	ttttttttgt	aatgactgaa	agctgtctgt	ggatgacctt	660
ccctttnctt	taaacacgat	tntntcactt	ncaactncaa	acttgctcaa	ctaattcttt	720
aaaaataact	tgagc					735

<210> 3509

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3509

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attcgaaaat	cagctgtatc	agttggagta	gttaccataa	gaacctgtta	gctagcagtg	180
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cttcagggtt	tgatgatgca	aaagtgaact	gtgggtctac	caatctagac	aactcantgg	360
caagcattga	ggcaaaaggc	aatgtgtgct	gtgttaaact	agccccctct	ccagatccat	420
ttggctttcg	gctgtgcaga	tcactgtgtc	cctactatga	tcttcgtaac	actaaacagc	480
caatcatggt	attcaaagga	caccgtaaa	cagtctctta	tgcaaagttt	gtgagtgggtg	540
aggaaattgt	ctctgcctca	acagacagtc	agctaaaact	gtggaatgta	gggaaaccat	600
actgcctacg	ttccttcaag	ggtcatatca	atgaaaaaaa	ctttgtaggc	ctgcttncaa	660

tggagattat atagcttgtg gaagtgaaaa taactctntt tcctgtccta taaangactt 720
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<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3510
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 ttggnccgagg agtaaangtc gcttnttngn ncntttantt cactncaaat nganaaanga 180
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 tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tcctgtcctn 420
 caaagagAAC agttaaaga aatntcccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aaggatcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
 cttattgaaa gtganatggt gcttctgagt a 751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

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 ctgtgctagg ctctgcaaat gctaagaggg ggaagtact gtccctgctt ccaaggagat 180
 catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
 aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca 300
 gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg 360
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 tatttaggaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga 480
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 aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
 gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
 ccaagcttca tancacaaaa gtcttctgtc ttcccatcct gactttacca cttcataggg 720
 actgtcaaa ggcagcn 736

<210> 3512
 <211> 772
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3512

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tcaagattgc	cccaggtcaa	ctatcaagtt	catggcctat	gaacagatca	agagggccat	360
ctggggcagc	aggagacact	gcatgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaacc	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
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ccgtgccttc	taccgcggta	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggta	ttccataaca	an	772

<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3513

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ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
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tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttccctaac	atggcctctt	720
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<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3514

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ctgagagaga cccaggtctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt      180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc      240
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gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga      360
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nattctaggg cttccccaa attggagcta cccccagaat ttctcangct tttaatctct      540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc      600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca      660
atcaatgagt gacagtagga aataactttg anagttggtt gggtcctaac atggcctctt      720
aataatggaa atgagaccaa attggggacc taatnttgcc aagganaaat ggnnaggt      778

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<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3515

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gattcgaatt cggcacgagc cggagagaag cagcaggagg gcggcggcgc cgtgcgctgc      120
gacacacctg ccaactgcac ctatcttgac ctgctgggca cctgggtctt ccaggtgggg      180
ctccagcggg tcccagcgcg atgtcaactg ctcggttatg ggaccacaag aaaaaaaaaaag      240
tagtgggtgt accttcagaa gctggatata gcatatgatg accttggcaa ttctggccat      300
ttcaccatca tttacaacca aggctttgag attgtgttga atgactacaa gtggtttgcc      360
ttttttaagg atgtcactga ttttatcagt catttgttca tgcagctggg aactgtgggg      420
atatatgatt tgccacatct gaggaacaaa ctgggtatta aatagagcat ctgttgaggg      480
actcttttaa aaccacagcc atgaacagac gttggggcta agagacagac agcctgcgac      540
agtgtggacc tacctgtagc agctagcaaa ggccctctagc agctacagtc ccttctggag      600
tctttatttg catgcaaaat gcaaaggagt cctggtgacc tactccaagc actgcccttc      660
tgaacactcc ttggaaaaca gtaaaccatca ttttggaatg tgaacaacca gagactnccc      720
aggagaaagg aaaaaaaaaa tntgaagatg caaaatcttg ggtggcttca ccgtcaattt      780
ttaa                                             784

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<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3516

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gnnttttnnn nnnnnnnntt tnnnnatcag ctctgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagcacag tccttctgga gccagaccgc aagccacagt agcagtgccca      120
gctcagcaga aagtcaggac agcangagga ggaagaaaan gaaggaaang aaaaacncag      180
gaancntaaa aggccttaga ncttangaaa cntgcaggcn ctgaagtgga attggaaaaa      240

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nccaaaaaccc	caanccccang	aaaangagtc	aanganganc	aangntaaga	gaaggagaag	300
gagaaggatg	accaaaaangt	gaatctgcct	gtgtaaaagg	cagattttttt	aattgcttaa	360
tactaagtca	tctgttttnaa	atttggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggaagaccc	tgtgctgcac	ttaaatatgc	ttgcttgatt	atttgattttt	acatcagagc	480
tttataacac	gaacttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attatttttta	ccaccattaa	ttagttgggg	tggaagttaac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcancggat	660
gattgctgaa	tcattncacc	ctgtatgtcc	ttttggntnc	atnaaagttt	cagtaacttt	720
caaaaaaaaa	nnnnnnnnnn	nnnnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3517

gnntttnnnn	nnnnnnnnntt	ttatannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattcgaaatt	cggcacgagg	aaaggacagt	gctacttgta	tatgaagggt	atagaacgag	120
cggtttttcc	tcggcgtctc	tggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tggaacaaat	agatgaaaat	ctgatttact	ggccccgttt	cattcgacac	aaatgtaagc	240
agagattcac	caagatcacc	caatccta	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaacttg	ttcctttgag	taagaagggt	gagcgtaggg	agaaaagaag	agaggaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgta	tggcgacatc	tacaacttcc	cattcatgcc	ttcgacaaa	ccttggaaca	480
acaggaggca	gagagtgact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
ggaagatgtg	gggaaaagag	aatttgtcga	agatgggtgag	gtagatgaga	gtgacataag	600
tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaatcct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaaacacaa	angcnaaatg	cccttganag	720
gncctgcgga	naaaccaacc	tnttggaat	ngaatncaac	nggagacaaa	cccgtggg	777

<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3518

taannnatac	agctacttng	ttctntttga	agcncctttn	ananatacan	gctacttggt	60
ctttttgcag	gatcccatcg	attcgggcct	ccccaccct	gctgcacacc	tacactgaag	120
gaaggctatt	tgcatatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagctcg	ggacttccac	ctctagaact	gtgaaacaat	240
aaatttctgt	ggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
ccaaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	gttttggtct	360
gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	cccctgggcc	tcttttataa	aggcactaac	tctatgccta	aangcagggc	600

cctcatgact	ctatcaccta	ccaaaaggct	tcacttcttt	atactattgg	angggtagaa	660
ngaacttcct	ttctagacct	tgaaagggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acatttttta	atgtgggcca	aatggcaaaa	780
gcttaaata						789

<210> 3519
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3519						
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ataaagcaga	aaaggagaga	tcgctgaagg	aaaagtctcc	gaaagaagaa	aaactgagac	120
tgtacaaaga	ggagagaaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgattttaa	agaggacaaa	atttcaaaaag	agaaggagaa	gattttttaa	gaagataaaag	240
aaaaactcaa	aaaagaaaag	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
ggtgggtttc	tgacttggtc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtga	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttgagga	480
cggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	gcccgggaga	agcgagacta	540
cagagagccc	ttcttccgaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaaagtgt	ccttggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccggacag	aaggaccctt	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaaccna	ggaggtgccc	cggaggactn	aat		763

<210> 3520
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 3520						
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cccategatt	acgcaaacag	atgcctgtgc	accaaagtgc	acgggcaagc	atccttcggc	120
gaaagcaaag	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	180
cttaatgggc	gtcacaagcg	ggcagcattc	ccttcgccac	aagcgggcag	catcttggtc	240
gcattccgtc	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	300
gtcacaagcg	atagcgggca	aggtggaaac	cctgtccatc	caactgaggcg	tgcatagact	360
atcctttgcc	agtcagggca	ctggaatcca	ggcccgtaga	acggcgccca	cgggtcaaaag	420
aaacatggcc	ctgatgcact	gggcgacaca	gacgggcgac	acagacttgg	agacatcatg	480
gaatgagacc	agccaggcac	acggagcgga	cggcggtgatc	ctgctcacgt	gatgtgtccc	540
ctaagtgaag	ggtcagaggg	aagaagggag	atggcgcttg	ccggtgcccg	gggacngggg	600
gaatgggcac	gttgatggtg	tttgggggtt	ctttctgggg	tgangaantg	gttttgatat	660
ttgggagcga	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	720
ttggnccgtt	atgaattgna	tggtattggg	aattacccaa	n		780
ctttaaatgg						821

<210> 3521
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3521
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ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctggtg 120
gcccggcgca gtggcagggt cccgtgtcac ggacaggcac ggccctctg gaccgcttaa 180
aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
gaagcatggt ccttgaggga ggcattccgt ccctgtggcg cggcaatggt attaattgtac 300
tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat 360
ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc 480
ggacggggcca atataagggg ctgctggact gcgccaggcg tattctggan aggggaagggc 540
ccgtgccttc taccgcggtta cctcccaacg tgctgggcat catccctatg cggcatngac 600
ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
accaagcatt ctctgcttct ggctgcggaac catatcaaca ctgcggaaca tagccantta 720
cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an 772

<210> 3522
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(819)
<223> n = A,T,C or G

<400> 3522
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gatgaatgtt cgttggttca aatcaagctt tttccaaatg aacaaganca ctggcncttta 180
ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgctt gccaggggga 240
atcttgaaag aagggtaccc cttgcaacaa aacctgggtc cctgtaaacc ctcttcttga 300
agggaaatccc ctgcttgccc cacttggcatt tttccaagtt tgcccttcct caagaatgta 360
ttaaaccccg aaccagggtta cttgtcttgt gcccaagacg atcttgggaa acccggcccc 420
atgggatctg tacttgantg cttgctgagc ttcaccact gagagtttac ctctggagtt 480
cantgatgac ttggatgttg tgggtgatgg tatgcantgt ctnccttaact ttgctttttg 540
atccttcaact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat 600
atcttgggcc anatgcaa atggctggagat nggtgcagat cccanggatc tcgaaattct 660
gagaaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaattg gaagccagaa 720
ccacttttat tanttgatag tttggggaac catttacttt ggtggattna aattctcgtc 780
tttaaaagaa gtatttctga acatnttta caaaaaaan 819

<210> 3523
<211> 765
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3523

taaanaatca	gctcttggtc	tttttgccag	atccctcgat	togaattcgg	cacgagcggg	60
actggtacca	ccgcatcgac	cccaccgtgc	tgctggggcg	gctgccgttg	cggagcttga	120
cgcgccactg	gtacaggacg	agaacgtgcg	cgggggtgatc	accatgaacg	aggagtacga	180
gacgaggttc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttggaaca	acctccagaa	gggagtccaa	300
tttgctctca	agtaccagtc	gctggggccag	tgtgtttacg	tgcattgtaa	ggctggggcg	360
tccaggagtg	ccactatggt	ggcagcatac	ctgattcagg	tgcacaaatg	gagtccagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacatte	acatcagcct	ggccagctgg	480
atgtttctta	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggta	attttctttc	tctgacttgg	tttggtttct	ttgaaataac	720
actgttgtgt	nggctngaaa	nggaaaaaaa	aaaaaaaaaa	aaaan		765

<210> 3524
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 3524

gnntttnaaa	nnnncagntc	ttgttctttt	tgcaggatcc	catcgattcg	ccaggctagt	60
cttgaactcc	tggcctcaag	caatcctccc	acctcggcct	cccaaagtgc	tgggattaaa	120
ggcgtgagcc	accgtacctg	gcccttggtg	gaatcttttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	ttccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatttg	ccttggtcct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtttt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnnnnnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgna	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tggttcaggt	cagggggagg	tttggaggtt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tccctttagg	gng		763

<210> 3525
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3525

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gattatttat taacatattt taaaaatcag atgagttcta taaataattt agagaagtga      180
gagtatttat ttttggcatg tttggccac cacacagact ctgtgtgtgt atgtgtgtgt      240
ttatatgtgt atgtgtgtga cagaaaaatc ttagagaag aggcacatct atggctactg      300
ttcaaataca taaagataaa tttattttca cacagtccac aaggggtata tcttgtagtt      360
ttcagaaaaa cctttggaaa tctggatcag aaaatagata ccatggtttg tgcaattatg      420
tagtaaaaaa ggcaaatctt ttcacctctg gctattcctg agaccccgag aagtcaggaa      480
aagcctttca gctcaccat ggctgctgtg actcctacca gggctttctt ggctttggcg      540
aaggtcagtg tacagacatt ccatgggtcca gagtgtctag aaactcaaga taggatatgc      600
ctaccctcag ctactcctgg tttaaagttc agctctttga gtactcttca attctttcag      660
gacacttggg tgggaattcag taagtttctt ntgaacaccc tgaanggtgc catccttaca      720
gactaantgg agacgtttcc agatcagccc aagtttacta tagag      765

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<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3526

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gtacgcgctg ccaggcatct gcctccgcgg agtcattaaa ctcccacagt ggtcacccca      180
ctgctgatgt acagactttc caggcaaagc gccatattca tcaacaccgt cagtcttact      240
gtaattataa cactggaggt cagtttagagg gcaatgcagc cacttctat cagaagcaga      300
ctgacaaaac cagccactgt agccagtttg tgacacctcc gcggatgagg agacagttct      360
cagcacccaa tctcaaagct ggtcgagaaa ccacagtnta aatcagttac tggacaaact      420
tgaaatcatg gtggaagaaa cagacagtgt tagctcatga tttgatttgg ttctaccttt      480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gttaagacaa      540
aacactggta aaagtttcaa cacctccctt ttgcttgtat accataaatg ggcagtttct      600
gaaatttttg ataaagcatc aagaactcct ttttctgaaa cgttcctcct tttttagtgc      660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnaaaac tcgnnccttt aaaactatag ggngtcgttt acctaaatcc aann      774

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<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3527

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gnnnnntnnnt tnnnnnnnnnt ttttaaaana ancagctact tggttctttt gcaggatccc      60
atcgattcgc tcgagtnnnn aggagacgtg cagctgtcca aggtctctgc ctatgccttg      120
cgccatgggg ccttgaanct ggggcttccc atgggagctg atggcttctg gccctgggc      180
accctcctgc agntgnccca gttccgcggc ttntntgctg aagatgtgca gcgcgtgggt      240
gacaccaata ggaagcagcg gttcgnctcg canntggggg atcccannac tggncctnta      300
atccggggcca accagggnca ttccttgcan gtacctaggn tggagctgat gccctggag      360

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acaccgtagg	ccttgcncgg	atgctagtc	atggtacatt	ctggaagcac	tggcatccat	420
cctactcaaa	ggcctgtcct	gccanggaag	gacgcacatt	cacctgcccc	angactgcct	480
ggagaccccg	gtatcatcan	tggcatgcgg	tcccattgng	aaatagctgn	gttcatcgat	540
ggacccctgg	ctctggcaaa	tggaaatacc	ttctttcgtc	tgccaatggg	gtgatantga	600
cttcanggaa	tactgatggc	ttcctacttc	caagtacttc	aangaggccc	tgcnantacg	660
ccctaccgaa	acccnttcc	ttgnntgggt	atgaaaagac	acaatgtaat	agtncccnna	720
cccantttca	ganaaaggag	gaggatccaa	cattaaatat	tantataaaa	aagaattta	779

<210> 3528

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3528

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cagaacaaat	tgccaaaagc	cagagttgtt	tatgctagt	caactgggtc	ttctgaacca	180
cgcancatgg	cctatatgaa	ccgcttggca	tatgggggtg	ggggactccc	atttagagaa	240
tcagtgattt	tattcaagca	gtagaacgga	gaggagttgg	tgccatggaa	atagttgcta	300
tggaatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcact	360
tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggctcag	tctgggtctg	tcaccagagg	ttcttcaaat	540
acttatgcac	agcatccaaa	gttaaaagg	ttgtgcaact	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtggtgcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3529

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gtgaattcag	gagacntcc	gttagganct	ttgttgnacg	nnnancncgt	naaaaaacnat	180
gtnagnnttt	ccgttgaana	agggaaagag	antnttcttn	atgtttctga	aaatgtgatn	240
ttcacagntg	tgaattctat	acttcgttac	ttggctagag	ttgcaactnc	agctgggtta	300
tatggctcta	atctgatgga	acatactgag	attgatcact	ggttggagtc	agtgtcncaa	360
aattatcttc	atgtgattcc	tttacttcta	caattaatga	actcaatcat	tgccctgtctc	420
tgagaacata	cttagttggg	aaactccttg	agtttagcag	atttatgtgt	ttggggccacc	480
ctaaaaggaa	atgctgcctg	gcaagaacag	ttgaaacaga	agaaagctcc	agttcatgta	540
aaacgttggt	ttggctttct	tgaaccagc	aggccttnca	gtcagtaggt	ccaagtggga	600
tgtttcaaca	ccaaagctcg	agtggcacct	gagaaaaaca	agatgttggg	aaatttggtg	660
agcttncagg	tgccgganat	gggaaanggt	accggcagat	ttcctccaaa	ggccatgggt	720

acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 3530
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gcccaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca 480
aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
tcaaatatct aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
tttttttttt tgaaatggga tnttcgcttc tgcgcgccaa gcttgggaatt ccattggccg 720
ggaccttngg nttactgnaa gcttccgctt ccaggtnnac gccatttttc cttgcttaan 780
cttctn 786

<210> 3531
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 3531
gnttttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccatcgattc 60
gcccaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca 480
aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
tcaaatatct aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
tttttttttt tgaaatggga tnttcgcttc tgcgcgccaa gcttgggaatt ccattggccg 720
ggaccttngg nttactgnaa gcttccgctt ccaggtnnac gccatttttc cttgcttaan 780
cttctn 786

<210> 3532
<211> 783

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3532

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gggacggcct	gcagctcccg	cgcgccgggg	aaaggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattcttg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtatactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaattgggt	tggactcttg	ccattcangt	gaacccaaat	ctgctggggt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgctgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttanccctn	780
ctg						783

<210> 3533
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3533

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gggacggcct	gcagctcccg	cgcgccgggg	aaaggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattcttg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtatactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaattgggt	tggactcttg	ccattcangt	gaacccaaat	ctgctggggt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgctgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttanccctn	780
ctg						783

<210> 3534
<211> 772
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3534

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tcgaattcgg	cacgaggaac	caagaaaata	tttaaaaatc	taagcagtc	tttgctcatt	120
aaaggataaa	tcagtagtta	acactttttc	tacaaagaaa	tgggtgtgcc	tggatgggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtctttcct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gtagctatt	tcattaacaa	agaaggaaca	tcaggcaggg	480
agacttgtgt	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgtattt	540
ttggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagaccaca	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	ttttttggta	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 3535

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tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgtttttttt	cttcaataga	ctggtggaa	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgctttatct	aggcaactct	ttaaattcct	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagtgtc	agacattggt	cactttcact	480
cctaaatact	taaatatatt	ctaaaaacag	gacattcctt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cggganctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	cgtgtggaaa	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 3536

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ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct      120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcctatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggt cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaag gggtgtgcac tagctcgaga ggaaatcang      600
aatggaaaat gtgtngtaat tggctgcagt ctccaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca      720
ttggaaaaca tttntgctc cagcngggaa aacttatggt tacttggn      768

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<210> 3537
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

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<400> 3537
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agctctatgc ctttcgggt gctcatcccg ctcggcctcc tgtgtgcgct gctgcctcag      180
caccatgtgt cgccaggtec cgacggctcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgcct ttcttctgat      300
gagctgcgac ctctccctgt gacgggcaag acacctgggg cagttttctc tgactctaata      360
tgatgcactg gacaccttgc tgatttgggg aatgtctcag aattncaaag agtggttgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc nttcaaacc actggcatgc catatggaca gtgaacttac ttatgggggt      660
gaaccagga aaaaccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnttggtga accgtgttca anaan      755

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<210> 3538
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

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<400> 3538
gnntttgaaa nccctttttg atnccctctt tacttgttct ttttgcagga tcccatcgat      60
tcgaattcgg cacgaggttc ttcaaagcca accnagacag gcttagcagt ttttagagctt      120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtg ttctgaacca      180
cgcancaatg cctatatgaa ccgcttggca tatgggggtg ggggtactcc atttagagaa      240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta      300
tggaatatgaa gcttagagga atgtacattg ctgcacaact gagctttact ggagtgaact      360

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tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctgggtctgc	tcaccagagg	ttcttcaaat	540
acttatgcat	agcatccaaa	gttaaaaggg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttgttc	actgccaaaag	ngtgttgagc	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3539

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attcgaattc	ggcacgagac	taccccggt	acggttcccc	catgcctggc	agcttggtcca	120
tggggccggg	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccgca	gatacctcct	180
actaccangg	ggtgtactcc	ggcccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggtaact	ctggcacccc	ggatcgagga	caagtgcagc	agcaagtggg	ggtcgagact	300
ttgggggagc	ggtgttgagc	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
cacccccaa	acagcagtc	tcttaccggc	tgcagcccg	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccgggt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttggtggt	gtgtctcctn	cattgctggt	gttgccaggga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgcactcg	tgtaaaacca	tgtagttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3540

nnnnnnnnnt	tnnnnctntg	aagnnatagc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	ttgtacatgc	atatttcaaa	gacctgttaa	tggtgtccac	120
tttggattct	tacatgaaac	gattcaagtg	gcncattggt	aaggccta	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaagggtat	ttcaagtacc	cttccaaaaa	ngttaaattg	240
catttaagac	actttcanga	atgggttaaac	tggcttctaa	aacaaaaact	ccctaaagtc	300
tggtccctat	gcaatatata	tttntaatat	accatatata	ttttttacca	taggaatact	360
cacaaaagt	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctagggtg	420
acaatatcaa	acaattcagg	ggaataattt	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atttctgtca	tctccaacct	aagatatttt	ttagattgtc	540
tccttattct	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctgggt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
atttttta	tcattcatct	ctatgatgat	ggtgctttca	caactgcagc	tctnctgtat	720

gtcaaaatca ttctggttnc aggtaaatgg acaaangggag atttgccttc agtgtctaaa 780
aggcaattta cttttcaagc tgncttaatt acctatgggt 820

<210> 3541
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 3541
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cgaattcggc acgaggctat gctaaacagc ctttacatgt atggtctggg taaagttcct 120
ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
taattccaag cccccaaaat atggttaaaa agattttttt tttaatcatg aagagaaaat 240
tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta 300
gtccaaaagc caaaaatatt tatcttggtt ttacatttta atttccattc ttaattgtaa 360
tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
ttatgtctct tgntgagttt tatattttca gtgggtattt ttgcttgngt tagatcatta 540
ttaaataata tccaatgncc ctttgatact tgngctctgc tgagaatgtc cagtttgcat 600
taaacatccc agtctcatcc ttcaggaatt tgcagtcaat gagaagangg agacaaattt 660
aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaaac attctccatc 720
aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn 767

<210> 3542
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3542
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tcattaagca ccacagggtt cacactggag agaagcccta taagtgcagt gactgtggga 120
aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
aaagcctcac gttgtggtaa atggtatgtg ggaaaagccc tttagttata gcttcagtgc 240
tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
aaggccttc gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
ccctacgctt gcacgagtgt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
agcaggtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
ccagtgtggt aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
ggggaaaaac cctacacctg tgttgaatgt ggtaagggtc tnagccagag ctacacctna 660
ttcagcatca gataatncac acgggcgagc gcccctacaa atgcatgagt gtgggaaagc 720
cttaatcagc gtctgncctn atcancacca gaggattaca ctggg 765

<210> 3543
<211> 734
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3543

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ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttggggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagtcccc	tacctggtta	atTTTTTcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3544

gnnttttnnnn	nnnnnnnttt	taagntactg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggtt	cttcaaagcc	aaccaagaca	ggcttagcag	tttttagagct	120
tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420
gtcaagctgt	nggtcattgn	cagagagccg	gntcagcaag	ctgcagatct	gattgatgct	480
gancaacgaa	tgaagaagtn	catgtggggg	cagttctggc	tgtcaccaga	ggttcttcaa	540
atacttatgc	atagcatcca	aagttaaaaa	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggctgcagt	ctcaggagaa	gctnnaacat	tagaactttt	660
gaagaaggcn	ggggagaatt	gatganttgg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttntgctc	cagcngggaa	aacttatggt	tacttggn		768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 3545

nnnnnnnnnn

10

<210> 3546

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (936)

<223> n = A,T,C or G

<400> 3546

ttangtgnac	nccctggana	accacttgnt	ttttntgcag	gateccatcg	attcgagnaa	60
atngtctctgc	antcctatat	gcngaatttt	ntnnatatct	tgacccaaaa	taactggggt	120
aaaatatnta	gtngaaacct	tgtatatatt	ataaacttag	ctttgtaata	ttaagtatga	180
aagcagcana	natagatagt	ctcagaagaa	gaagaaaatg	tataaatnct	tggggagagc	240
tgtgataaan	ngactagact	tacctttgag	ttcctagcog	atccctacct	gacagctttc	300
ccagctggga	aaaatctgct	tgggcaagg	aaagggggaa	tatgattatt	ggangaactt	360
cccaccttat	agggactggc	aagaggggat	acatgaccag	ggaatgaacc	ataaaaggga	420
gagaaatttg	acattttaa	tttacangga	attaagatga	gatctaagna	taatttgaaa	480
gattttgaaa	naaagagcca	aatccgagga	aagatgtaag	gaaagtgatg	gggangggaa	540
aaaaaattat	gggatggtna	agactttcta	aagttaatgg	ggggaggaaa	tccaanggac	600
caccaagggt	aagggtttaa	gaaggggaaa	gganccaaag	gaattttaan	ggaacccatg	660
gttttttcan	cccccagaac	cagggggaga	anccaaangg	gaaaggaaag	ganccggaan	720
ggcttggagc	cnccagggg	gggcttncac	cgncctgggt	taattccccc	accccncttt	780
ttgggggaag	ggcccaaang	gccgggggtg	aatccancgn	angggcccng	ggagaaatng	840
gaccanccca	tnccngggc	ctaaaccacc	gggggnaaaa	ccccccctct	tnttacctta	900
aaaaaatccc	caaaaaaaa	acccgccang	gggcat			936

<210> 3547

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3547

tattatacan	ctacttgttt	tttttgcnng	atcccatcga	ttcgaattcg	gcacgagatt	60
atacagttcc	ccacattgaa	gttggaaga	agatatatgg	agagcagttg	aagacataag	120
gggctctggg	gaacagcata	gttttgcttt	aattctccag	cttggtctca	gtaagggtgg	180
aaggagaaag	agaggaagta	tcgattttac	agacgtcaca	tcgtactgct	aagaacagac	240
agaaaacttg	ttgtaataac	ccgtacacac	tgtaggagaa	ctaaggaggc	ccctggtgta	300
gcaatcattt	tcccaaggat	gacggattgt	gaggcaggaa	ggtgtgaaaa	gaggcagtca	360
tttatataat	tttggggttt	ccgctgagga	aacctgagtg	aactcacttc	agatgcattt	420
ggaatatttt	aataaaaaat	acttgatttt	ggctgctgca	ggaactgctg	gaagaaggaa	480
acaatcctag	aattggcata	aaaacacact	gactcattac	tcctctttgt	tactattagg	540
catcagagat	acatgttttg	ttgatttttag	ttacagaaat	gagacaaagt	tgaatctgaa	600
tacattggct	tncttgttca	aggagctcct	cttgatataca	atagctattt	catgaaactt	660
ctttagagaa	caaccatgat	acttccaaca	agctatttta	gaaacaaaaa	ttatgctgga	720
tctaattact	cctaaaatgg	tcatttttcaa	tgaatattgc	actgattct		769

<210> 3548
<211> 883
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(883)
<223> n = A,T,C or G

<400> 3548
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cccactcgatt cgaattcggc acgagattta atcttccata agatntttcc tcagtgtctt 120
ttacttcttc tcttgccatc agattcttac cttgattgaa aagccatgtt aagtgcagg 180
caaattcttt acgtctttat acagagatta acaatctctg ggtgatggga gcgttaagtg 240
attaaccttt gtcactagta natgtgggag gttagaaaag tgctgcccctt tttgggtctc 300
agtccctcag ttctgcaatt acaggcagcc tcattattng gncaaatcta tgtaaaattg 360
atancncata tccaattaaa aaggatggtn agnggcacaaa aaaaaagaga gagagattga 420
ttatnaccta gtccttgata gcccaacagg gngaatatag tccataataa ttggattggn 480
cattggataa taactaaaac cntaattgga ttgtccgaac acaaatatta agcttgaggg 540
gatggatacc ccattctcca tggacgtgga ttattactga tggcatggcc tatggcaaaa 600
atatctcatc tngngcataa gcccacaaact aaggtncccg ccaggaatta aattnaccaa 660
nnnngccctc cgagnccctc taaaaaccta ttagnngagg tccggtantt acccgtagga 720
atncccgga ccttggaatn aaggaatacc catttggtt ggaaattttt gggacaaaaa 780
ncccnccaaa cctttagnaa atggcccngt nggnaaaaaa aaaaaanggc ctttttaaat 840
tttgggggga aaaaaatttt ggggggnaan ggccctattt tgg 883

<210> 3549
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 3549
actattgaca cctcttggtc tttttgcagg atcccatcga ttcgctccct ctgcttccct 60
aaaccaggc ttcgctgcct ctgcggagtt cttacctgtc tctcctttcc acccggttc 120
cctggaggaa gctaaactca gaccaaggcc ctgggctccc caggagttaa aagggaatac 180
gctgtcccaa gattctagaa tgaagagtc acgtagcccg agtggcttaa acctcctgtc 240
cttaaagtca agaaatgttt tctatcgagc cctggacagg tgtctctgct ggccctgggt 300
tttcaacagg tcatgcctgc ctacagcccc agggacaaat gttcttccag ctctaactca 360
ttctatgctt taagcttttg acctatcttt gttttcccag tgccacacca aatgctgcct 420
gggatctct ctttcttcc gagttcccat ataagaagcc ccccatTTaa gaattcagtt 480
ggaatgggtt gtatttcaaa agttgctttg caagttagtt atttggaatt caagttgcat 540
tttaccagg taacaatatt ataagattg gttaccttc cagagcaatc cagaaatgcc 600
cacataacce atgtcacacc tgaaccaccc tgagttcttc tatccttgaa cctcttaagc 660
tttnccctaa ctctaacagg tctcatggtc cactcaaggt gtttcatgct tctcaantac 720
gtccctttcc actgntgtct acctntntc caaacacaa acaaaaaa 768

<210> 3550
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

<400> 3550
tttaaatcta tatacangct acttggttctt tttgcaggat cccatcgatt cgtaacagac 60
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ctgtatttTTa taactatttaa ggaatgttgc agagaaatgc tatcaattgt taaaattttg 180
ccatgaatac agcagcctca ctgaattctc ttagtagttc taatagcttg ccatttgatt 240
ctaacagggtt ttctatgtaa aagatgggtg catcttcaaa caatgatagt ttcatttctt 300
ctctttcacc tcttaccttc cttgtgtttc tttagcattg ggcagggtcct tcagggatat 360
gtgaaacagt ggcagtaaca accagacatc ctggcctctt tgtttttttt tccatgatga 420
agtctcactc cgttgcccag ctggagtgcg gtggcacgat ctcggtcac tgcagcctcc 480
acctccgggc ttcaagtgat tctcctgctc aaccccccaa gtacttgga ttacagggtcc 540
tgccactaca cccgactaat ttttgtactt ttagtaaaga cagggtttca ccatgttggc 600
cagctgtgtg agaattcctg acctncagt atccacctgc ctgctcctct ctaagttctt 660
ggattacaag tgtgagccac cagcctgcc attgnggct ctttattggt cttcttgaaa 720
atgccctgaa gtgtcttaac acacataatg ttgctgtaaa ncaatgatt 769

<210> 3551
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3551
tgaacctttn tacacctctt gctctntttg caggatccca tcgattcgga aaaagagatg 60
ggtcagggag gaaagccaag atggaaaatg gatgggaatg aatgaggaac atgatgtggg 120
ttgggggtgtc aattcatggt taatacaaca tgtgtggctc agtataacca gattgtcata 180
agaagctcag gcagctctcc cctctgttg cctggggctt ttcgcagtta caataaaagt 240
ggaaagatga agaataaggg caagcagaag acacacacat ttgcctgttt cctctttttt 300
gtccagattg agtagatggg aggcagggct gttacccatg atggtgtttc ataccagagt 360
caatctacta gtttgcttg ttttataggc gtgattccca aattttgaat ctgaagttag 420
ctgtcagttt aaattcagag ggtccgcagt tgtttttcag gtttttcttg attctgcctt 480
tggaaccag gaagatgttg aatttacttt tcatctgaca atattgcaca tctgtgaacc 540
caactgatct gaaagtgttt acctcttaac tctgtgaagt tagctgggta ttctggatgg 600
ctgggacaat ggtgaggacc gttataatgg ttactctcac ctgtgctcca gacgctccac 660
ttggtgctag aaatcacagt gaacaaacat ggttcttgcc tccacacact tgcagttant 720
agggcagact gacgacatta aaaagatcca tcgggggtggt ataata 765

<210> 3552
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 3552

ttaaacccttt	tgacacccta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggtgggg	acgagccctc	cccacctga	gtccacaggg	agatccacag	ctcacggagc	120
ctggccgcgg	acccctccca	cccctgcctt	gccggccctt	gcacatttag	gatatgtctc	180
tgggtgggga	ctgggctgtg	cccagggcct	ctgtccccc	ggatgtcttg	tgggtcgggt	240
cggccgttct	gccccccagg	gcacccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgcaccccag	cccctgccca	agccactgtg	aggggtgggtg	ctggctgagc	420
ccccggggca	acangagcca	agcangtgat	gtctttgttc	tcggtcccca	cagcagaacc	480
aggtgagggg	gcgccctgcc	nggccagacc	caagtggggc	agcctgaacc	tgcttcccct	540
gtggccggca	tgccccgatc	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttggggg	ctgtttacct	aataaaaagtn	cccacaagtg	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nntnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnt	780
ntnnnnnttt						789

<210> 3553

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3553

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gataacactg	agaaaggagt	atggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttccaca	ttatactact	aattttattta	aaatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgcctctt	catttttgtt	tcttgtttga	acagaaaaaa	tgaccaaaat	240
attggggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgctgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttta	gtcattggta	tacgactggc	cagagtcctt	420
ggtttttaaac	attactgaga	acttttatata	tactcttaat	gggtattttta	tataatgtcg	480
aatgaaactt	ttatttttag	atttttaaaa	aatatttttg	acttttgact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaatctagt	tcttggttta	600
gctttttattg	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaag	gtgtgggaga	660
aaagttaaat	tggcaactta	atcttanttt	tcaaggaaaa	cgtgtcccgc	acatactgca	720
ttatgatgga	cttgtctcan	gtgaagtga	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3554

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ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	cagggtgttn	ttatttcta	gatggaataa	tacagagata	ctggacgatc	240
tctagcagtt	aattattgtg	acccatataa	aattatacag	gtcacagtat	aattctctat	300

taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtataca	360
gttagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgccctc	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacggtgg	480
ctcacgccta	taatcccagc	acttttgga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggcttt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccena	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aaccaaaca	aaaaacatca	gantantggn	ttgnggaagc	cnanttgc		828

<210> 3555

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

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ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagtttct	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgacgc	actgtgttcc	tggcgggagt	300
ggcatcngtc	tgcattgtctg	aaaatgccac	gtgtgcattc	tgtgatcac	caaggtnngn	360
ggctgtagge	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgtg	480
tgnttttaag	naccaannnc	gattgcccac	tgccaantac	agaanagact	tcntttgggtg	540
agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaactctg	600
acttcncgca	ncagtcncnc	ggaactccct	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tncccatctc	cccaaangnc	gnccccccnn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	cccnccnccn	cancnccnnn	cncnccnccn	ncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

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cgcccagctc	cgaggttgga	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aacttctcag	atagaggaac	cccagtgaag	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttattgg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgcacaggat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
atcggtctga	aagaaatgcc	cacctctgaa	aactgtccat	cttttgctct	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
aacctgttca	catgaaagaa	tncatagtag	tgaa			754

<210> 3557
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3557						
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catttattga	agagacaacc	ctttcctcat	tgtttgcttt	tgccattctt	gtcaaagatc	120
agttgtccat	aaatatgtgg	ctatatctct	gggatctctc	ttttgttccc	ttggtctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatttt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attctttatg	cttgagagtg	ctttggctat	300
ttagggtctt	ttctagttcc	atacaaattt	taggtttatt	tttatgcttc	tgtaaaaaga	360
ggccattgga	attttagtag	agattgcatt	gaatcttttag	atctcttttg	atagtattga	420
catattaatg	attctaattt	cttgaatcta	tgaacatgag	atatctttcc	gttcatgtgt	480
gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tgggtttact	gcaacctctg	600
cctccggctt	caagtgattc	tcttgccctc	ngctcccaag	tagctgggat	tataggcacg	660
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gccaagntgg	gtctngagcc	tttagaacta	n			751

<210> 3558
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3558						
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gaattcggca	cgaggccaca	tagcaatggt	ntaactgcag	gactcagggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacctatgcc	tccagctcac	cagctgcatt	gaagccccc	gctggcaggg	agactgctgt	240
gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgtat	300
tcacatgacc	aaggatgcca	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	cccagcccaa	agtctggtcc	agaatctgtt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctgggtg	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccagg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgttttg	ccggggcccg	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcagagcag	anttaca				747

<210> 3559

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (778)
 <223> n = A,T,C or G

<400> 3559

gggntttnnnc	cctttgaaan	cttttataca	agctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gttggtctag	gtagtttcat	gcggatgctg	acctaaacta	120
gaatgtagaa	attagtagga	aagtgaatgc	ccactagggtg	gaaacctgaa	agcacgggga	180
cctgcgatct	tgtttactgt	tatattcctg	ctgcgcagct	cagggtctct	atgtaaaaaa	240
tgagtgaatt	tatttttctag	ctgggtgecta	caaaataatc	tgcaatgtat	ccatactggg	300
ttattaatgg	taacaaatga	accgtactaa	tatgagataa	taggggaaac	tagatatgga	360
gtgtatggga	attctatctt	tactatttct	ggaaacctaa	aactactcta	aaatagaagg	420
tttatgtttt	gaaagcactc	tgctcattgc	gctcttgtct	gaaaagtga	gcctggcctc	480
aagccacttt	gagtatttct	cttctgccag	ttaattatct	taccattgcc	tctcagtgat	540
attaagagaa	aacctatcct	taacattttt	cattactttt	taggttcaaa	atgagcctgt	600
ttggaacaac	ctcaggtttt	ggaaccagtg	ggaccagcat	gtttggcagt	gcaactacag	660
acaatcacia	tcccatgaag	gtccacgaaa	agctttctgg	ggcttgtagg	aagaagtttg	720
ggcagagttt	cttccatcaa	nggccagaac	ccgagatgac	cttgggaacc	tcctttan	778

<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3560

ttgaancttt	atacagctct	tgtnntttnt	gcaggatccc	tcgattcgag	aaagaaaaag	60
aaaaaagcca	tatggcatag	aaaaaaaaaa	ttctgtcttt	ggaggaaaaa	ggaaaaaagt	120
cccaggtttg	aagccagttg	tgccctctta	ctaggtatat	tattgagtct	ttcagctctg	180
tttcaaaatc	tagaaaatga	gttcagatatt	acctgtttta	atttgtgaat	aacgcattga	240
tgtacaccct	ggattcccta	aaactgtctt	aactgcgtga	gtccagtggg	ctcagtgcac	300
gagtctaaat	ccttagactt	ctatcagacc	ttctccccta	gcagtttcat	ttgctcttta	360
aatacaaaac	ttggacactc	atgcagaacc	acagaaatca	tgtagacaaa	ctagaaatta	420
tcgtgcactc	acaaattata	gcttccatta	ttaggtaata	catgctaaac	cctagcaaac	480
attaagtacg	tgaactccta	ttactaaata	gtaatcactc	aagtaaactg	gacaaaatgt	540
cttacggagg	gtcacatctc	atgtgaaatt	aaaccatggt	gcaggcagtg	ctacacctga	600
gatttttacac	aggtatttac	atttcttttg	cctttgtggc	aatatgtgcc	tgtaagata	660
ggctattaga	gaactgggca	atgagnaacc	ctacacnta	aagtacaagg	aagnnatgtg	720
ccatatcagc	agattttttg	cttatttagt	tagtaatgaa	tcctcaaact	ct	772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3561

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ggtgntttnnc cttgaanttn tatacagcta ttgttctttt tgcaggatcc catcgattcg      60
aatcgggcac gagctcagct catgggaatn tgcctctcac tggctctcac tgggtttatc      120
ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtggtttgct      180
ggtacctcta atctctgngt anagttnatg gtacctgtgt gctctgtggc taggtcctca      240
gagtcagtc ctaggcaggt actgtcagcc ttcagttttc cccacagact gtgttccttg      300
gcctgaatcg ctcagactac atgttccagc gcagcgcaaa tggctcccca ncctgaaaca      360
gatcgaaatc aacaccatct ctgccagctt tgggggcctg gcctcccgga ccccanctgt      420
gcaccgggtg gtcccctggg cagnccccgg catacctgtg ggggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc cctgnccac cccgacagca gttnncaact gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcctc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngcctggta catcatttct accagcattg atgctccagg ttcaatgatt t      771

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<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3562

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ggnnnntnnn ccctttgaaa accctttata caagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga gggacaaaca gtggcaaaac aacactggct aagaatttgc      120
agaaacacct cccaaattgc agtgtcatat ctccaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaat ggattttttg agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat gtcagccatt tcctgctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgtctgag gaaattccca ttttaatcat cgaaggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctattt cctgactatt ccatatgaag      420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttnctgaagt gaattaggaa actccnagga gtaattttaag accttnacca      720
agatncatgt atactgnggt acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt      786

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<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3563

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ttncgcaggg	atcccatcga	ttcgaattcg	gcacgcaggg	cagcncctnt	atctngtnnt	120
ttaaactctg	gccngccntt	cctaattctc	agaccaacaa	gtagtgtttt	cccattcgga	180
tcgcttanca	naaaatgagg	agagtcttgt	ggccatcanc	tttattgnaa	gccgaaccac	240
tgtnagcaaa	aataccaagg	agaggntcga	tcccactntt	gnaanaaaaa	gaaccatgag	300
ggccctgcnn	aatncaactg	gaccntgggg	atactcactg	aagaagggtgn	atctatttag	360
gaatgcaaat	tgtcttncta	ccccagacnc	cccaacaana	aanacttggg	gtgganggtg	420
anatatnnca	gccaagnaana	aacngtttgc	atntntcctt	nttggttnga	caaagacntg	480
ntnccanatn	gtcctcaaag	gtacataaat	acanacatat	gatatttgtg	tatatataaa	540
cacatatgtg	tagtaanatc	cnn catttac	cttggggnga	gacttgaaga	aacnccagcc	600
ttctttctag	agagcctctg	cttctgggtat	tnacctgtca	caaaagccca	tacctgggtg	660
tcaaaccctt	tccttgtaac	tgangggagn	catnttacga	atatgggngt	agagtaaagt	720
agccaagtgc	ntatnggaaa	atttaagccn	gaaaaannna	attannaana	attccnaaaa	780
cagcccaata	atctnnaggn	tggggaaann	aaaaacccgn	ntnnggtnt	tttgtntt	838

<210> 3564
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 3564						
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gtgaatgacc	ttgntctttt	atttgaaata	tattttccta	tgtcttcatt	ttccttcact	120
gtctgtggtg	atztatgtgc	atcagataag	acaaccacct	ctcccagnct	cgtcagactg	180
gtctcatata	ggagaaagat	ctcaacaatg	tatccngcca	gagattttaa	gggcttctnc	240
aatctcaaaa	acagactgct	atatctcctt	tttgtggccc	actggagent	ataatgtgnt	300
atgtcctgtc	agaaccctca	tgaatagnat	ggtaggagca	agactcttta	gacatanctg	360
aaaagcttac	ttggtggatg	tgtgtatgca	gntccttcta	tcttcanggn	gaagttganc	420
aaagatgttt	atctccact	attctgtcta	acccgaaaga	nataattgtc	tccattcagc	480
tgccctctg	tcctggggag	aaagtagngg	aaggggccca	tctgtgtcac	ctcttgnntc	540
tgnggctatc	tctcantggn	tctacactta	tanctaata	ttttcaagnt	ctgtgcggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtagggggg	cncgaagggt	ancataaactc	660
ctcatatgan	anntat					676

<210> 3565
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3565						
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cgaattcggc	acggaggcca	tacaagagac	tccagatatg	cagctagaga	aacttaagga	120
aggtgagctt	atcaacgtgc	attcagaaa	tggttatgat	tacaagaatg	aagatatccc	180
agaggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaagc	acaaaagatg	aaatgttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tggttaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggtaggtt	tttaccaaaa	aataaaaatat	420

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ttaaagctca atatTTTTga cattgcaatg tacttttaaaa gatgctggga ttaaaggcgt      480
gagccaccgt acctggccct tgggtggaatc tttagggttt tctattcata catataaaat      540
catatcattg gcaaacagag ataattttac ttctctcttt ccaatttgga tgccttagat      600
ttcttttntc tgcctaactg ntctgtctag aactcccagc ctatgctgaa tagagtggca      660
agaacaagca tttgccttgt tnctaacttt agaaaaaaaa tntttcaccn tttaccattg      720
angatgatgt ttgctgttag tttttcataa atgatctata tcangctgaa taaattctat      780
t                                                                                   781

```

<210> 3566
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

```

<400> 3566
tatagtaata caagctactt gttctTTTTg caggatccca tcgattcggg caactgtaag      60
aaattcttct ttcaaggcag ttgtcttcgt atctatcatt ttaccatacc tggttaaaac      120
agagtcccag gtacatatta aagcaagcct tcatacatgt tggccctcta tctaaaagcc      180
tcttcccaact cctttccctt tacctggtaa tccctgttat tccctagatg cctgctttta      240
agagatttcc tttggtaaat caccctgaac cctcagacta gtccagacct ctctttgata      300
ttttcctctt gacattcagc atttatccca attgaaagta ataattacat ttgtgtagtt      360
attagattat ctgtcttcct tagtaaaaag taagcttatg ggctgggtgc catgggtcat      420
acttataatc ccagcacact gggaggctga ggcaggagga tcacttgacc ccaggagttt      480
gaaaccatcc tgggcaacac agaaagatgc catcaatacc aaaaaaagga aattaggtga      540
gtgttaaggt gcaccagcca ctctggaggg tgangtggga ggatcacttg agcccgggan      600
gtgggaggat cacttgagcc cgggaagtgg gaggatcact tgagcccagg aggtcgaact      660
gtagtgaagt gtgatcatgc cactgcctnc acctggggcaa cagantgaga ccgtgcctca      720
aaaaaaaaaa aaaaaaactc gagcctntaa actatagtga gc                                                                 762

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<210> 3567
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

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<400> 3567
tgaaaacctt ntttacaanc tacttgttct ttttgcaggg atcccatcga ttcgaaattcg      60
gcacgagggg aaagaaaata actttgtgaa gccagtgtat tctgttttta aaactgtgcc      120
tgcagtgcaa tactccttct ggtgtatttt atccattatt tcacttgctg gtcgtcattt      180
cacagccagc tttgacatgc ccgtgaggac aggagccgcc gcttcagttg tcaactgcaga      240
gccatcgtat gtcagttgca atttccatct gaagctatgt ctttgacttc actttaagca      300
gaaaattttg tacctgggtg gtcgagtcct cccttaaaaa ttgttaaatc atttggcctt      360
aatgggttcaa taatttgggg tggcttcctg gtgtttcttt tcttcccagt ttaaaaaaaa      420
aactttttta gcgtaaaatc tttaaggggt acacatttat aagtctggct aatttctaatt      480
atgctaatta aacatttccc attttaaggt tatatacagt gaggctcttc aggacaatta      540
ttttctgggt tgattgggca tatgtttgcc cgtgtaaaca cggatatgat aaagtgtcag      600
taacaatgga aaaggtccca gaggcattag gcatctaaga ngatgccctc agaaacgtat      660
tctggcttga tttgtgttat taacttcaga agaaccttcc aaatgtccca atatcgttct      720

```


tagtgctttg ggaaaaaata tttaacacac tggtaataaa tttgtatcag aag

773

<210> 3568
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3568
 tttgaaccct ttgaaaccna tatacaatct acttggttctt tttgcaggga tcccatcgat 60
 tcgaattcgg caccgagatna tagntttatc catacaatat tgcgattgtc tctgggtcttg 120
 ttgcttttct gcactagatt gtgagcacca tgacattagg gatcatactt ttncattgta 180
 ctgttancta cacataacan actgcatgct atacgttggg aaatgttaan tnaatgaata 240
 tcttcncagg ctagtctttt tgategcccc aacgcctagg ctagtcttct ctcacacctg 300
 ctcanantgc tgtggtgatg catcccgtca gcacctgcag agacancccn gntgggtaatg 360
 ttggccacag nncagctnt gctgccagtg cccatcgatg nggacatgga ggcgggccta 420
 gcttcaagct gacgggtgctc ccctgctgat acanaaactc ctgattccaa agctcattat 480
 tttgttagnt ttatgccctg tgtctntgta tcaccacccc catngntaaa gcctggtnnt 540
 tatgtctgga gaangaaggc aatnggaggg aggaggccta atngnctcaa aatcacccct 600
 ttttntatg aaagtgcctc aaactcattt accttggctc tcananctg aggaatgact 660
 nnttttcttg cnanactctt tggttntctc tttaaaatgg acccctgggg gggaatttct 720
 tttcttcaat ctgacagaan ctaaaatttg nccctgtnt caagggnaan caccaactgg 780
 ggcttntact ngggg 795

<210> 3569
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3569
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 cgctcagatg ccagtcacaa gtcccaggcc tctcatactt ctgaccgact ggctacaaat 120
 caggggttcc cactacctcc tcagattaga taatttgctg gataaaactc aggaaacatt 180
 attattaagg gcacaactca gcaacagccc agtagaagag gtgcacggag caagcacggg 240
 ggggacgtgg agtttctgtg cctcctagg gtggcctcct gccagctca cccttgtgtg 300
 tgcaagggtc ccgaatcttg tagtttagat ttctgtagaa ctcaatctct aatcctttcc 360
 ttttctcttc atttctcttc aggataaggg accggggggg cgggtgctgaa agttccacac 420
 tctangcact ggggtctctg ggtgaccagc cccatccaga ngccatctag gagggctgct 480
 tttaatcaca gcgttagcat taacagttgt gattgaaang ggcttgtttt gaacaataaa 540
 aaatatctct atctcaggaa atcccaaaga tatagggaact gtgccaggaa ctagagacaa 600
 agatgaaata tgtcttatat cacatttctt ttgaattggg taaagtgccataaagacaac 660
 aaaaaataat attaaccntt ttatataaca cttgggggta ggtggttata aaataatcta 720
 aaagatgaat ttaaaggtat tggggggagg tgtacatagg ttatantgcc aaatacctat 780
 gacgttttat ataagggact t 801

<210> 3570
 <211> 735

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 3570
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ttcgaattcg gcacgaggtc tcttggtgcg ctttnatctg tcctctaaag cacaccctgc 120
ccctccctcc tctgtcctca tgccgccttg tgcgtggtcc ccagctgttg gtgtcagggc 180
aaggacaaag acccngaca cctcangtct gagtccctgg gattgccagg ccttggggaa 240
tgggggaaga tgtgttcaga ggctnttctt gtgaccgng caagatgtnt cttntgctgg 300
accggcacct tttgtttgtt ccattggttg cagatgtgag cnacatcagg cgctttctca 360
gtgnatttca cgagccacan gtggggctna tccaagccgn ccagcanctg ctgtgtgatg 420
agcaagcccc acagaggnan aagctgctgg ctgacctcct gcacaacgtc anccataaca 480
tngcggacga gaccnngnct gatgaccccc gtggnttgaa gcttggagtt ncgatttcan 540
agcangtntg gctatctgan atacanctgt nagagccgga tcccagagta cctgagggan 600
gtgagctcct accntccacg gtgggtgcgg agnctaagag gaattctgcg gtcttgcctca 660
ttgcagagct ccgtcatcat catgcnctat tcaaaagacc aagcggagcg cttgcacgaa 720
gtgttctgca ggtct 735

<210> 3571
<211> 766
<212> DNA
<213> Homo sapiens

<400> 3571
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gacagatcct ccctctgcag atggtgagca gtttccact cggctctttt gattgttctg 120
caattttcaa tgaccatggc acaaatttat ttaaagctga aatacttcac ttctattaaa 180
gcagttggct gggatatattg tttttgctga aattattact ctaggaggta aatctaggct 240
ttatttacta ctttgggaaa gtacatttaa aggccatgaa tcagaaacta ggttacaaac 300
gttaagactc aaaggatctg tatactgagg cctatatctc catgaagtgg ttctctactc 360
tcagcaaate tagtattgct gaatgttgta gcattataag caggaaaatc atcttactgc 420
acataatcta tccccacaga aacctatgac atttaggtat tatgcaggca tgtgtcttca 480
gttggtctgc tccttatttt aacctatgtt ccctataaat acttcagatc caaaaggttt 540
tttccacact tcgttataaa aaagtactaa ctacacata tctgcatttt attccgggat 600
ccacatctcc aaaaagttga ttataaagtt tacagcaagc atagaattca aaatttcctt 660
ttttttctaa atgaccaaca atacaaactt tctcatgtac acacacatga gaacacacat 720
gcatgtcata cacacatcat gcattcatca ccaaagcaa gcacag 766

<210> 3572
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 3572
tgaacnttga aacctnttta caactacttg ttcttttttg aggatcccat cgattcgaat 60
tcggcacgag gttggccttt tcnattcaga tgtttnctg caggangtgc ctngatnna 120

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ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcc aacacatagg 180
cagatgaaac taagaagcca gatgctagag atcgcnagnc gatgaattga aactagccta 240
actggctcca ctgttggagt cattngctca aactactcca aacttttgtt tgntctactg 300
aaaacattan tnggaaaggt acagngntaa tttanggcng ggaagcctnn atcncgtgag 360
agtnaggtct ntntatgcga tgctggngng gaaggatngg agatgagagt nattttacgg 420
gcgcctatct cctcctcttn ctatcntgcc ctggactgcg anctcatctt tcatannctc 480
ttgcntgggtg gtaggcccag caancggatg gattttaagn atctcagaat tttcanttna 540
tcannntca ctntcagagn tccttttntt tntcaagggt acccagtcta actggtttagc 600
ttcttttcaa tagncctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
ctganttact ntccctccaa aaancattag ntgattngac tttttacncc tcattcngan 720
ggcnttagac cccttttgtg cactttacnc aaggatgttg anacctanaa ttt 773

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<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

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ggtgnttnnc cctttgaaaa ccctttaata caagctactt gttctttttg caggatccca 60
tcgattcgaa ttccggcacga ggnaaagctt catgttcgcg acctgggggg cggatgttat 120
caacatgacc acagttccag aactgtcaga agataaattt ctgttggtct cagccatcca 180
gtttgtggta ctttgtaacg gcagccctag gaagctgatg cagggtggat tgattcccct 240
gctccagaga aaggactgtt ttcacagaag aggcgatgct tgaactgaat ctgaagggat 300
caatgtggct tcccttgga aggcatggag tgaagggtga gtatatccca agtggggagg 360
acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
aagctacatt agtaagacca gaacttagtg gtgagggttg aagctggctg gacaggcagt 480
taggagttag tcangcgatg gtgagcctcc gtgccagaac aacttgtagg ctgtggaagc 540
aaccgcgcaa gggatggcag cggatgata tatagttgaa agatcactgt ctgctgtgta 600
gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
gcttgtagca tagagttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
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tgtanggatn 790

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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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cacacattcc agtagtttcc tctttatttg tcctgaacca agttgtagaa tttaaaggag 180
gtgaagtaag gcgatttcta tggaaaatat atttttcttc tttactcctc atgctgagtg 240
cataagaatt tattatttcc cctgaatgtt caaagtgggt tgtgtgtgtg tgtaaaagaa 300
ccaggagcaa acaatcttaa taggaatgtg cgatcttggt tttatcttta gcacacttaa 360
ttagctacaa cccgggactg ttgccatttg aacaagttgt taagaaaatc tgccatgttt 420

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tgctcttttt	caaaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	netcc	715

<210> 3575
 <211> 750
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3575						
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cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaaag	180
tggggtgagg	gtacggaggc	atgaggtagg	aaagggaaga	aaggagataa	aatgtgtgtt	240
aatgagcagg	ttagcactgt	ggaccaccac	gctcaatccc	actgagacgt	gaggaagctg	300
ggaatgtatc	caccaggcct	taatttatca	agatgaggat	tactcctgag	atgttaactc	360
cttggtgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaattg	caaggaatat	540
ttgcatgctt	tcaatactta	ctcatcaaag	ggtcgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttcagcc	caatatgctc	acgttggcca	agccacagct	gcctttaaat	660
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<210> 3576
 <211> 749
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3576						
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ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactctt	gctttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgctttaaa	300
gaaatgcctt	ttnctgggta	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaaactta	420
cagtcatggc	aganggcaaa	tggaagccca	gcactttaca	tggnacanana	aggaggaaga	480
ganagagaga	ggcacgagg	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	cacctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaactcacc	actaagtatc	agngcctttg	gaaaaaaaata	720
cgtnnnntcca	nnctgatag	atnccntnt				749

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3577

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tgcgacgga	catcctgtgc	aacctgccc	gctacaaggc	caagatacgt	gcttttcaac	180
atgccttcag	cactaatgac	tgctccagga	atgtctacat	taagaagaat	ggctttactt	240
tacatcgaaa	ccccattgct	cagagcactg	atgggtgcaag	gaccaagatt	ggtttcagt	300
agggccgcca	tgcatgggaa	gtgtgggtgg	agggccctct	gggcactggn	gcagngattg	360
gaattgccac	anaacgggcc	ccnatgcagt	gccaagggtta	tgtggcattg	ctgggcagt	420
atgaccagag	ctggggctgg	aatctgggtg	acaataatct	actacataat	ggagaagtca	480
atggcatgtt	ttccacagt	cancatcnca	ccaaaatatc	agataggaga	aagaattcga	540
gttatcttgg	acatgggnana	tatgactttt	gcttttnnaac	gtggatatca	gttctggggg	600
nngnttttng	aggactccaa	agggctgggt	attcccagca	nttnatgctg	tatatggggn	660
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<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3578

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cagctctttg	ggaagctgag	gtgggaggat	cactcgatcc	cagnggntgg	agacttgcct	120
gggcaacatn	ntgcancctn	ntctctaaan	atatntnttg	catngantng	cccgncatgg	180
tggtgcacgt	ctatagcccc	agctacttca	gaggctgatg	tgggaagatc	ccttaagcct	240
angaggtcng	aggttgcagt	gagctatgat	ngcaccatta	cnctccagcc	tgggcgacag	300
ancgagactc	cgtctcaaaa	aaaaaagaaa	anngactntn	nncgaangga	gacacgtnaa	360
agtcttgcta	attgtcatat	ccactcccaa	ntntagcntt	tctggatgat	gnccattcct	420
nctgcaatnn	ccttatnate	catctnaacn	ttttgcaacc	tatgaactgn	ttcgatanant	480
taattactac	caatacacc	tatgtacagg	agcatangga	aatcaanaan	antgangaat	540
tnnantctat	taaaggccac	nagaatggnt	nacacctgta	atcccaacac	tntgggaggg	600
cacngcgagt	ggatcacctg	agatcangag	ttcgagactg	gcctgggncaa	catngtgaaa	660
ccccngtncc	tactaatgg	ncaaanatta	ccaagccgtg	gtggcacgtg	cctgtgancc	720
caagntnctc	nggaagctgt	agcangagaa	at			752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

<400> 3579

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tggaggtggg	actgtggagg	caccattgat	tgaactgtgt	cccctgcagt	tcacatgttg	180
aggcccaaac	ccccagtgtg	gctgcatttg	gagtagggca	gtaattatgg	ttaaattgagg	240
tcgtatgggc	gggtgctgat	ccactaggat	taggatcctt	ataagaacct	gccaccttct	300
ctctgccacg	tgaggacatg	gggagaaggc	ggctgcctcc	caccacaggag	gagcccttac	360
tggacactgg	gccttggtg	caccttgacc	ttggaacttct	agtccccaga	actgtgagaa	420
gtagatttct	gctgattacg	ctttcctgtc	tgcggcctga	gctaagacag	cggcgcttgg	480
ggagaagcag	aatttgagga	gctcctcant	ggcaggctgc	cctggccctg	ctgtcagcag	540
aggggaatgg	ccatccatgc	tggcccttac	cagccggggc	ttcantgagc	tccccgggta	600
ggtgaanctc	tctaactctg	tgtccccgcg	aaacaggccc	acgagccaac	gcctatgggg	660
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tggnnt						725

<210> 3580
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 3580

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cttaacgcag	ttctaattgtc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	ggtctacaaa	gaaattttgt	tctaatttta	taatagtaga	gatgggggtct	240
cactatgttg	cccaggctgg	tcttgaactc	cagggctcaa	gcaatccgcc	tgcctaggcc	300
tccctaagtg	ctggattaca	ggcatgagcc	actgaacctg	gctgtacaaa	gaaatttatg	360
gcagagagat	atgctcttta	ttttggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
tttggaatga	aaaccttggt	gaccgtgagc	aaaggaagca	tcatttgctt	gtcttcaaaa	480
gagggatagt	gcaacttaac	ctgcaggagt	aatgagata	acaatataat	agtattttatt	540
aacagagtct	tgtgtgttac	ctatagtaca	tcaagattcc	atttctactt	tttttccctt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatatc	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	ttttttg					737

<210> 3581
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

<400> 3581

gtntttatcc	tgtctttgca	ntcgtaggac	cctcgattcg	aattcggcac	gagccctcct	60
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tgcccagagc	aggcattgct	catccactag	gcactttcttc	ctgccaaggc	acctcttcct	120
gccaaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgcttatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaag	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatatct	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgaagat	600
gtgttcctgt	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (721)
 <223> n = A, T, C or G

<400> 3582						
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cttggtgaga	agggtgctat	tttggtatac	catatcatgc	aagataaccc	acagttaccc	180
cgcctttatc	tgagtggagt	atttttcttt	atcatgatgt	acacagggtc	caatgtgctt	240
cctgttgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300
aaaggacaag	atatttttca	gagaagtata	cttgggcaca	ttctacctga	agcaatgggt	360
tgttacttag	aaaattatga	acctgaaaag	ttttctgaga	tttttctagg	agaatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggactgg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttcgcacca	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgccgg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtccccgnc	660
tgccatggcc	ggntcttct	ggaatgttgc	ttgttgaana	tgcatataga	ctaccgggaa	720
a						721

<210> 3583
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (723)
 <223> n = A, T, C or G

<400> 3583						
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ctgcagagta	ctcatgagtg	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgttagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatccttga	caagtgtcgc	agcagaacag	ccgtccccat	ttgttgccaca	cctcacatat	300
atttgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480

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gtagatagtg gctgtgtgtc aggccagaaa agttttcttt atgaaaccag agattctgac 540
atgatgacta gtgacaaaaa taggatgaat tagagatttt ttgagcaatt tattaaacag 600
ctgggaaaaac ctggcccaga aatagtgtct tttctagctg ctacatcgta tncctttaaac 660
tgacttgnca aggggtgattt actgagaatt taatatgant ggaataaaact tctgagatat 720
cnc 723
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<210> 3584
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

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<400> 3584
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gtccaggcca ataatcagtt ggttaagtga aaaaagtgtt taaagtgaag aattataaag 120
aaagtcatta tggatctcaa acttttactt taattgaaac cataaaaaaca tatattcact 180
caccaatggt ttatgcaggg ttaatgcctt ctctttaaaa ttggacttct gattggattt 240
ctacctcatt tttcttatgt aaacacttat agttcacttt tgatatttat gggttttgat 300
ttttgaaaca aagggaaaat gttaaaacat atactgttca gtaatgccac ctaatccatg 360
cgggatatgt cccaggaccc ctagtggatg cttgaaacca cagataccaa acatgattac 420
tgtcagtcgg aacatttttt tttttttgga gacagagtct tgctctgttg cccaggtcgg 480
agtgcnnntnc nnnnnntnn nttnnttnna antantnntt cnnnntantc cnnttaaann 540
tttcnnatnn tttctnnnnn ntncnnnnnn tcttattnat nttnnnntnn cntntannnn 600
nnttttnnnn ttcantnant antctttttn cactttnnat tnttcnnttn tcnttttntt 660
nnnnnttnnt ntnttnnttt nnttnntnt nttnnnantan tntntnnnnn ctentnc 717
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<210> 3585
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

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<400> 3585
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gattcagcag tcagagtgca ccaagaaggg tgcttttagtt tggagtttca aaaggccata 180
ctgtaatagt gaaccagaaa tcaagcagcc ctgagaaaga ctgaaacgca tctacggatc 240
atctcaatct gattgcataa aggtggttca agatttatta gtgcttttta ctgcctctc 300
caatttttca tatataatgt ccagcaccac atcaaaaata acccagcata gatggagata 360
agacactatc actaacacaa tagaaataga tccacaaaag atttagatca gggatcagca 420
catttattat ataaaaggcc agataataaa tatgttatgc tttgttggtc acatacagtc 480
tcttgnatat tctttttcta tttttgntct ataacctct aaatatataa aaactattct 540
tagcttggag atcactcaaa cactttctct ggcataatca ganatatctt caaactatgc 600
ttcaaatggt caagggaat aactgataag attgaaaaat tccanggaga ngcacaanaa 660
gtcattanaa aaaaaagccc ctanaactat agtggagtcn tattaccgta gatcccgaca 720
tggntaagat ccattgggtgg agttcg 746
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<210> 3586

<211> 728
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 3586

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aaataagctg	atagagttag	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcatgggggt	gtttgggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagtttaag	taggctttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttgtgatta	agccttaaat	ctgttattct	480
ttcctttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctggacttta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atttgctccc	cgtctttcct	660
tgtaagggaa	aagtaaattt	actttccaag	cctnanggtt	atttatggat	tangtgaacc	720
actgaaat						728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3587

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agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgaccttac	acagaacatt	180
cctagaaccc	tctttagaaa	ctgtcaactt	gtaagggctc	tcagtgttgg	taaatctttg	240
tcctttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgatc	ttgggtgggca	360
ggaggagggg	ttggataaaa	cacaagggtc	gactataaag	ttgtgaggcc	tcttgccctg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtgt	tcttggcaca	tgcaacatca	480
agaaaataac	tccaattatg	ctaactcttg	agtgcataatg	ttctagtgtg	tttgggttaa	540
aagggtggctt	tgttcatttt	cagtcataat	tcgtataagc	agaaatggaa	aactccatct	600
ctgtgatttc	tcccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttgggtgtca	tgtctacatt	agcccccccc	ccccccaaaa	tgtgccaatg	ggtaattcct	720
ggataacctga	gtcttncctg	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagtg	780
agtcgta						787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
<222> (1) ... (744)
<223> n = A,T,C or G

<400> 3588

tnnncttnat	ttnnancnt	tggntctttc	tgcaggatcc	catcgattcg	ggagatttca	60
acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaataatcct	gtaggtatct	atgtgactca	aggctagtca	180
ctttctctatc	tatgctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
aggtgagagt	tgaagtaatg	agtgtgaaag	aggaaaggga	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggt	aggcagagaa	tgcagaaatt	caagttagag	ctggttgaag	360
atgtggttagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaattccc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaattt	aaggatcttg	480
agataaggag	attagcctgg	attatccagg	tgagcccaat	ataatcacia	gcatccatat	540
aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaaggttctg	tgagccaang	aatgccaggt	ggacccctng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttcen	cttaaggggac	ccagcccttg	720
ccagcaaatt	tggccaactt	cact				744

<210> 3589
<211> 858
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (858)
<223> n = A,T,C or G

<400> 3589

tttaaanctt	taaacaagct	acttggtttt	tntgccngta	tcccatcgat	tcgaattcgg	60
cacgaggtac	ttcctaggag	tggttgcatt	tgggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtgg	ggaagggggg	gtgggcanag	180
gaggtatgca	cnggagaggg	gntctgngct	netcennatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcataaaca	natnataacn	gggccttnen	ngatntatct	taacgcttan	300
nttttnen	atatanatgt	aactaatcac	tencttttng	taatnanctt	tnccntnntt	360
ttgtaagaac	gccnctctc	tgnaactgac	ctttnttact	ccccccct	tgcncctng	420
accttctctg	tnnttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tcacnatan	ntttangatn	aaaaccnnet	540
nntnttncan	aaaancgttt	tnctanttnn	aannaccctt	tttannattt	tnnaaacaan	600
aanctnttat	ttttnttnc	catnctaacc	ttttacaaaa	ntnnnggtta	acccentttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	tttngtnaaa	nnccctttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	ancccnccn	780
tttnncncat	nggnnttgtc	ctngcnttna	ncaatntacc	ttcattttta	aaaaangncc	840
canattnttt	tnnnacct					858

<210> 3590
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (767)
<223> n = A,T,C or G

<400> 3590

tgtggtnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncga	60
attcggcacg	agggccacnc	cgcctgtgan	gnatttnngt	nnctnttttn	tnnacctggc	120
atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
cggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtgca	300
agtcacagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaact	tatgntngac	ccatctncan	atatgacatg	caccagtgc	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggttttaaat	cgggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggngg	agggnaannt	720
atnttnantg	gcaaatacna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A, T, C or G

<400> 3591

gntnttttta	accntaagga	ancctttgat	gcaggatccc	atcgattcga	attcggcacg	60
agggcaaata	gccctaggag	tcccattttt	ttaagctgag	ggaaataatt	ttcaagaagc	120
ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggaagg	ggtgatggtt	180
tttcctatga	aagctaacaa	catttgagca	gatccagtgt	gctggtgagt	cacagtgaaa	240
gtgtggagt	ctaaggaagc	ctcctggtgg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggggt	aaatgttatc	aaggagccag	ggtattattt	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgncatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataagggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaagt	cttcattctg	tgccatacaa	ttttccactt	660
ncctgnngac	tttctcctcaa	tggattttact	taaacttttc	ccaaccttna	acaggttaac	720
ttgcntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A, T, C or G

<400> 3592

tncnntttta	tnccatcanc	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggggtc	atgcagtaag	atttggtgtt	tatttgtaaa	tagaatggta	ttctatttca	120
aactttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttcagat	cttgtctttg	tgatatagga	gttatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300

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aatgttaact tgtcacttaa aacaagattc tcttcacatt gttttcaaga tttcaagatt 360
cttttaaaaa ttagcatgaa gtatgggata atgattgggg aggaagtatt tttaaaaagc 420
cttcttgagt ttttatgcat attacatttt tattcaataa aaaattcccc attgttttat 480
tgaaatggat tagttgtcga tcctctgaat tagacatatt ctttaaaaaat aagatccggt 540
gtcagccatc taaaatgttt ttataaattc atacttacat tcttttttgc cggttgcagt 600
cagccttttag tgccaagaga gaacattaca gcatggatga atgcaattgg tttgatcatc 660
actggcctcc aagtgagtta ataattgnga attggactta agngatgaaa aacaagccng 720
ctgttnctct tcaggncctc agaactatag tggaggccgn ttaccttnat nccccgcttg 780
aatnaggaat nccttgngng agtttggaca aancncaac tnn 823

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<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1035)

<223> n = A,T,C or G

<400> 3593

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nncnnttnat tccatcagct cttgttcttt ttgcaggatc cctcgattcg aattcggcac 60
gagcaaagga ttgagagaga aaacttggtt ttattgaaaa ggcttgaggc cgtgaaacca 120
acagttggta tgaaacgttc agaacaactg atggactatc atcgcaatat gggctatctc 180
aactcatcac cattgtcaag acgggccaga tccactcttg gccaatatag cccattaaga 240
gcttccagga catccagtgc tacgagtggg ctcagttgta ggagtgcg atcancggnt 300
ntcccttcnn nngcatenta tntnaatacn tntccctntt ncnntngtgc tgtntntttt 360
tatannnttc nnnccnntnt nnnccctctn tccctgtncn ntttgattnt tttantnttt 420
ntntttnnnc tcnttncnt tcnttttact atcnnatcnt ctttctntnt tctttntttt 480
ntantctnt tnnntccttt ncttccacnt ntantcttc gccntttta cnnntntntt 540
tattntntnt tctngtaatn tttcntttat atntntntnt ttcanntcnn ttaattcnn 600
tctantnngt cctttcctta ttntnattng nctannata ntttcnatan nttctcntnn 660
nnnctnnttn ctattntnn naattcnngt ntgtntcatn tcnctnctnc ttnctnntnn 720
ttttntntna tntatnttt nntatctten nctnncctn ntanatntta tctntntntc 780
nttctnctta taaactatac tnttnatctt nctcnntnt cntatctaat ctncantnta 840
ttantttctc tantntntca tacctcganc nannctcntn acgntntntn nnatntnnnn 900
nnncttanna tnttcatnta anatattatn atantttatt tctnttctan ntntctcnnn 960
atanntnnct nnantctant tncntntnt ntatcntttt naangtattt tttttnanta 1020
tctantnnna tncce 1035

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<210> 3594

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(992)

<223> n = A,T,C or G

<400> 3594

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cggnangnnc gtnaacggaa ncccgnctnt tgccgatccc tgcattcgaa ttccggcacga 60
ggaactagtc atgccaggna cttaaattttt gggggcagtg agggatctgg tgcagaanca 120
acctgatcaa tgggacagga caggagagtct caaaatagcc ataactgcat ataaacatct 180
agtatatggg taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg 240
gtgttggaat aaattatagt tatttgntca aagagttata attttatgca ttccttacac 300

```

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ccatgcacta gatgatcctc caaatggatt aagactgaaa tgggaaaaga aaaaaanggg 360
gggaattccc tatatcatct gggncctaagg gaaaaaattt tttccaacct atggacccaa 420
gttcccacat ggtaacctgg aaaaaattaa aaaaaccng gacctcntcc tctcntaat 480
aataatatta ataantnnnn aaccttttcc aatggggcca aaaaaaataa aaatccccaa 540
tttaaattgga aggggnaaac caattaaaaa aaagggaacc caaaaattaa aattaaaaan 600
ccanggggaa aaaaaaaaaa aatttgggga ngggaataat taattaattn aacaaaaaaa 660
cctnccccag gaaaattcca ttaaaaagga accattcctt naaaaaataa tgggaggaaa 720
aaaaaaaaatg ggaaaaaaag gccaccaag aaaaaaattt ncgcaaaaaa aaggnatgga 780
cctgggacaa cctcaaaaaa gggattataa aaaaatcccc ttaaaaaatg gtaaaagggg 840
ttnaacctca cacatactag ggaaaaatta aaataaaaaa tattccggag aaaaaagcca 900
cccatcagaa tngacaaaaa agnccnaaag cctnggacaa nagacccttt tggccaaggc 960
tggccaggan gggaaaaaaa aaaaacnccc ct 992

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<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

```

nncnnnttta attncaatca agctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagc ttcttttcat ttttcttaaa ctaattttctc acaattttca tttttgtcct 120
gagacttgaa gggaaagtaa gttttaattct agaccatatt atttagttac atctaattctc 180
tctagacaaa agacagtctg gagagtactc tttagtctta tttattaatt ttgtctctag 240
attgagccag atttccccat gcatagctgg cattttattg gcctctgcag aattgctttt 300
tctggattgg acttttgtaa tccatatgaa aatctctatg aaatttaatt gctcgccagg 360
tgtggtggct cacacttgta atcccagcac tttgggaggc tgagggtggc ggatcaccag 420
aggtcagggg ttcgggacca gcctggccaa catggtgaaa ccccgtttct cccagaaaaa 480
tacaaaaatt agctgggtcat gagggcacac actgtagtcc cagctactca ggaggctgag 540
ggggaagaat tgcttgaacc caggagatgg aggttgcaat gagtgaagat cgtgccactg 600
catccagcct gagcaacaga gtgagatctt gtctcangaa aaaaataaat ttaattgctg 660
tggatctgta aanggtgttt atcgtaacag ttcataatat tctatttnaa natgcgtggg 720
agaaattttt tntggancca gttatgcctt tntctggaatg ntggttgggt ttaccttaag 780
gccactnaat ttcagctgat ggtttttctg gt 812

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<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

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nncnnnttta atancaaca nctacttgtt cttttttgcag gatcccatcg attcgaattc 60
ggcacgagct tcttccaggc attataatat taggttaatt tagaggagca tatttatatg 120
tggagttaca ttgtgttggc cattcaggag actgactgtg aaagaatcca aactttatat 180
ttctgccttg ccagtttttt tttccttttc ttcactccat ttgagacact cttgacctaa 240
tccagtaaac tctaattaat agtcttggtg aattctgttt caagccatcc tgagtagcgt 300
cactgacacc cgatctgttt cagtaagggt aaattagcat cttttactat ttttctggca 360

```

tttaaatgaa	tgacttttgc	atgggttttc	aagtgtttat	agtaaatatg	tccatttgat	420
ggaaatataa	atatgcatta	agtgttaagt	gctaggcaca	ccctgctgtc	actttttatg	480
gtaatcaagt	gtcttttact	ttctgttggt	tttaataggg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	ccccccccct	caccgcggcac	tgctttttatc	600
ttgcaaaaagt	attcatgttt	ttctcttagt	atgccaaatta	caccgcgttct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttgga	acagtggggc	780
accgtgggtt	gacttggcct	tttntttgce	agnggggttt	gggccttgan		830

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3597

nncnntttta	attccataca	gctcttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaga	aactacttct	atgatttcag	ctggagtctg	aagatacttg	tttctgttca	120
agtcccactt	taaattatgt	cttaggagac	tgaaagtgga	atcttctgag	cattcctaaa	180
tatctgctta	gaaatatcat	gtgataaaga	gggaccttct	taatacactg	atgttcttca	240
ctaaatggat	ggccacaaga	aaaataaagt	aaatgtctta	aataatttaa	ccataaattt	300
tctgtcatgt	gatactggaa	tatgggatac	ttttcatggt	tatatatata	tatatatatg	360
tatatatata	tacatatata	tatatatata	aacatgaaat	atatatatat	ggctcctttg	420
tgccccatgt	catttttcaga	ttatggtagc	atgctgatac	agcaccatga	aagaactcaa	480
ggaaaatata	tcaatgtaag	aagttcactc	ttagaccag	tggtctgagg	tcacatgggt	540
ttggactgtc	tcaatcagaa	agattaatga	ctgttatcaa	gaacatgaac	attggcttcc	600
tccatagaga	agaaaatcag	tatctgagtt	gcataccagg	cagtattaaa	aatctaacan	660
gtctgttttg	cccattgata	gatctcaaat	ggngtctcct	tctgggtatg	gattttgccn	720
ttggttaccc	tttctcaatg	taatggaagt	atttttacaag	ccaattggng	gnggaaatgg	780
tgctcttgnc	ttttcntgnt	tacaaactac	tttcacattg			820

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3598

gnnnnnttta	nttccaatac	anctcttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagaataacc	aattttaaaat	gtcttataga	taaaatctag	aatgaagctt	120
tggttaagaag	tctgagctac	gtacataaga	ttatcagcaa	catatatggt	aaggtggagc	180
cattttaaaga	aagaacagaa	gggacctatg	atttactgat	tggtgaaaat	caaaataaag	240
gaggcagaga	aaataaagat	tgtgagtcag	caggactttt	gtcttatatt	caagtggatt	300
tattgattac	ttttcttctt	acagccaagt	gcaagatttg	tgaatgggcg	tttgaaagtg	360
agccactatt	tctccagcat	atgaaggata	ctcataagcc	tggagagatg	ccttatgttt	420
gccaggattt	gcctttttct	ccaggggagt	ttagcagttt	tgctctcagg	aagaatacaa	480
agaatctact	aatgaatatt	gttgaccacc	tactgcatac	actcagttta	ggaactctga	540
gtaggtacag	aagaaatagt	aaacacagtt	tatcttcang	gtttncatgc	cnggagaaaa	600

acataaaaaag	aacatgttcc	ctacnaaaaa	aatTTTTTTTT	taattacctt	gggcatngng	660
ggtgcaccac	tgtagtcctt	agcttacntn	gggangcttg	aaacaaggaa	ggctcgcntt	720
gagcctcaaa	aggataagtc	cctaacttcc	tcaaggaagg	cttccggngg	aanctatgaa	780
tcatgcctnc	aancctgggg	caacaagtgg	agaatTTTtg	cttntTTTaaa	anaaaaannn	840
nnnnnnnaaaa	ctcggg					856

<210> 3599

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3599

tttaacnctt	tttanancct	cttcatcttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaagaaa	gcagatgcc	ttttatctat	tngcacatca	ggactgacag	acatgaaaaa	120
attggccaag	tgggcagcag	agtccaagct	cgacccaaat	gaccccaaca	atgccccttt	180
gatgcagctt	atctcggttg	ctaccagngg	tgaatcctat	gtccctgatt	tcttttagact	240
ggagcagctg	caacaggagt	ttaactttgt	ttcagatcaa	gaattaaata	gatccaaaacg	300
atttaggctt	cttcatctta	gaagccaaga	ggtgccagaa	ttccgaaatt	ataagcaagt	360
tccagtctat	gaccgagaaa	ttatggaaaa	ggtattccag	gactatgaga	aacggttacg	420
agacagaaat	gtaatagaaa	ccaaggaaca	catagacacc	catagggcca	tagtagccaa	480
gtacctncag	cagggttagag	aatcagngat	aaatcgtttc	tttaattgcaa	aacaatatTT	540
tntttttggc	tgntatggat	agnagaagaa	gaagttccca	atttcancat	tttgggncta	600
agccttttca	agctngccan	aacaaaancn	gaccactgng	gncaaggnga	aaaaggngng	660
nangaangtg	ancnncccca	aancctngnn	tnnnnggaga	cntaaaaant	ggctnnngaa	720
nattngnnnn	nancttacna	cnttccaann	gnnggaaanc	nnnnnttnnn	nnaannnncaa	780
nnncennnnn	ggnttttnng					800

<210> 3600

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3600

tnaacccttt	aacaagctat	tgttcttttg	cacgatccct	cgattcnaat	tcggcacgag	60
gcgggcgcg	ccggaggcng	tttccgttac	tatggcaatg	acggcagggg	ctacaacaac	120
ctttcctatg	agcaaccata	cccgggaaag	agtgactgta	gccaagctca	cattggagaa	180
tttttatagc	acctaatttt	acagcatgaa	gagagagaaa	ccaggcagaa	gaaattagaa	240
gtggccatgg	aagaagaagg	attagcagat	gaagagaaaa	agttacgtcg	atcacaaac	300
gctcgcaaag	aaacagagtt	cttacggctc	aaaaggacca	gacttggctt	ggatgacttt	360
gagtctctga	aagttatagg	aagaggagct	tttggagagg	tgcggttggt	ccagaagaaa	420
gatacaggcc	atatctatgc	aatgaagata	ttgagaaagt	ctgatatgct	tgaaaaagag	480
caggtggccc	atatccgagc	agaaagagat	atTTTggtag	aagcagatgg	tgcttgggtg	540
gtgaagatgt	tttacagttt	tcaggataag	aggaatcttt	atctaactcat	ggaatttctc	600
cctggagggtg	acatgatgac	attgctaattg	aagaaagaca	ccttgacaga	agangaaaca	660
cagttcttca	tttcagagac	tgttcttggc	catttagatgc	cgatccccca	gntgggtttc	720
attcctcng	gatattnagc	ccgacaaccc	tttntttggg	ttgcccaagg	gtcatgtaaa	780

attn

784

<210> 3601
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3601
gnaacctana aacagctatt gaacttgtn gacgatccca tcgattcgaa ttcggcacga 60
gannaaagggt gtgagccacn gcgcccggn tanntaagaa nnatnantnn gnncttgcn 120
nanaacatct gtnntnncaa cttantacna acaaatatna nnattaaacn cttcactttg 180
ncttnnnaac tgntcnaaac actgncactt tggttnnaaa actgctccca caatntngct 240
agcatttttg gngattcaac attcatgtca aaccaccaca ctagggtcc ccagttncct 300
nattnaactca ttgttgcatg cacanatttt ggtatgatct atctcagccg gtcctactcc 360
ttnggggatt ccttacacct ccaaaatttt gaattataag cntttttctc cnaganctcc 420
ctcattnttt tacttatctt aatcattctc ntccaacanc acttnatnta ctttgggaat 480
gccangaat ccgatntctt nttcactcgt cattacctct ntgcctgctc tntcttttct 540
tggtgtttat ngacccagtt tagaggatgc agagtntctn aatataatca ctactttgaa 600
aacatctca gctgttttg cctnttgac tttgcttggc aaaactcagn cntggctaaa 660
actntggcc atttgacact gcctcaaaca ctggngctgg ctacaaacaa ntgctaccag 720
catngactgg ntccacttng naattcggac cncacctcat gtaggnnctc ac 772

<210> 3602
<211> 771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 3602
ctaanncn gnngctcgna ctngccgaac naaanaggct nnggcgcac tgtagnaatt 60
ggctttccgt ttgcatattt aaatgaactt tgtggctttt gttaagtata ataaaaagca 120
tgaggtcaaa tataagccaa gagtattaca gagactttta ggctgactca gtatctcaag 180
ttctgtgtag attcatctaa aactgctgt tatccatgct atactttacc atgttatccc 240
aaaaggggaat catcagcaaa ttttaccaga aactgctgaa ttcaagatat attcaatata 300
tattatactt ctgacatcct aggaagccta tccaaagaat acattacttt gatagaattt 360
gttctttatg aaaattcatt ttgactctca ttgataactt tattccattt tgggggagga 420
ctgaggagtc agtgggatgg gaacagagct aactacaaag tctttgagtt tagatgggca 480
gcagaagggg aaaggaagta ggccgtggga tatataagga cttttccaat ggaaaacaat 540
tgtcagtga acctctatga ctacttgctt aatttcagaa ttaaacttcc tgtatatttt 600
aggtggaatc aagctgagtt ctagtcaaaa tgctcgcatt atttcccatg aaaaatcccc 660
caaacaccaa gcagacagaa cagtgggtga taaacccatc atattccatt tctgaagaaa 720
atcatcaagc cccaaatctt gtttttagaaa atttctcaag aactaattct n 771

<210> 3603
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (732)
<223> n = A,T,C or G

<400> 3603
tgnnnnnttga ttnnnngcnnt tgtctttctg caggatccca tgcattcgaa ttcggcacga 60
ggtttctttt tttcagagtt ttgctgctaa gaaatatctc ctcaacattt gacttcatng 120
tggccaataa tggctctctga attgattcag acattcacac agcttgaaga agatctaaaa 180
gatgaagatg agtcattgag aagcaccaac aaagtaaaca gaacgaaagt ttcagtcccg 240
gatgcaaatg gaccctcagt gggggagata cccagagtg aactcatctt gtatttatca 300
gcttgcaaat tcttggaacac agcgctttct tttccacctg acaagatgcc attatttcaa 360
atttataggt gggcatttat tccagaagtg gacacagagg gccctgcctt cctgtcggat 420
gtagaggaga atcaccaaga atgcaaacc cactctgca ggattctaga acttctaaaa 480
ttaaagtctg gggaaatcag tagctctgat gagatcacca tgaagagtga attcccgtt 540
ctgcgccaac attctgttct cagcatcagg cagttgatgc cattcttcat gactctaaat 600
ggtgcattta agaccagag acagctgcct gctgatagcc caggaaactcc attcttggac 660
tttctgtcc agatgccaa ggatcttaaa acaactggga agaatgcatc gnaatatgaa 720
tttctggaac cn 732

<210> 3604
<211> 858
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (858)
<223> n = A,T,C or G

<400> 3604
ttntttnaat tttcnaatnc ttgctctttt attccgnagg atcccatcga ttcgaattcg 60
gcacgagggg agcacaggcc tgccttgca cccatgctgt acagtgcggt tactagactt 120
gtggccggtt ttgtgctgtc ttctcattag catgcaatat tcaacttgact gaattccttt 180
ttagctaaga gaaatattac agggcatgat cattttagggt tattaagggtg tctaactcaa 240
tatgtaaact gctgaaaaga attatatgtt tnatcagat aatctcaaca tttcaaaaga 300
caacacattc agactacttc cctttncccc caacttttat ctaatgnctg naacccccat 360
gactagtgn cnaaanangn gtttttagtna aattnnagtc acccgtggat nacaaangca 420
accctggatt cccaatcctg cttgtggggg ggtttntng gccaaatnga nttaatcttc 480
ttgggcaana aannttttnc ttcttaccat taccnggaac cccantantt gcccaaactt 540
ttggnnaatt ttttttaagg aaaaaaac tgnccatttt attttaaaaa aaacccccn tttaaacctn 600
ntntttttt tttaaaaaac ttnccatttt nttaaaatgga anngatctgg ggaacccaat 660
gggggntcct tttncctttt tggaccttaa nttaaatgga anngatctgg ggaacccaat 720
anantnaata nnantatnnn aanaananaa ttnattnatn ttntancnaa ntaaaaaaa 780
aaccctttt naacnttttg gnggggcccgt tcccnnaaa cccnanctta tnanaannnt 840
tnttaatttn ggcaanct 858

<210> 3605
<211> 1718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (1718)
<223> n = A,T,C or G

<400> 3605

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaag	tcttatngga	cnttngggna	60
actccttaaa	aaacntccnt	naaaaataaa	ggaggntct	ttnttgggg	ncctcccaa	120
nantttcna	tactctaact	gctcanenca	cnctcnacca	tcactcaaca	tntatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngncn	natatcacta	tactanatca	ctctnnnctc	ataccaccnt	ntnccntatn	360
tatntentca	natctcattn	nttatntnac	natannctac	acnccntnac	atctaacata	420
nnnnnataac	natctcannt	tatctnnntn	ncaannctcn	mntatcactn	cnattcattn	480
aannacttan	accnccntc	annnnnnaca	ncnncacntt	ancnntctc	cctannctna	540
ccctcncata	catattnnnt	anncccnat	ccttacntna	caantntcat	cctanccnt	600
tenactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
caactctntc	antacnaac	ctattcatnc	nnccatnatn	tntntanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcancctct	cntttntaat	catnnanccn	ncnccntcc	780
tatnatgnnc	tctgccccta	nnntatcatc	ttcacnacaa	cncnactctn	ncnccanac	840
natcntnata	nacncantnt	cactntattc	taacatnant	nnanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctent	atntccntct	atctcnatca	960
ctctccnncn	ctcattacac	atctcttata	atctcnccnt	ncnccntct	ntcatctctt	1020
ntatentctc	tatnnnactc	tcctatcnca	tntatcnaaa	cattactntn	tntatanatn	1080
acactctcnc	atcncctata	ncactatntc	ncntnttata	tatntanatt	atcatcgat	1140
acntcnctac	tctcnatcac	tcantatact	atanactnta	tnccncatat	cacanaacna	1200
cctntcatnt	ntcacactcn	ctntnttana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatntctct	ncattntntn	ctctatctnt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tntctcnctn	anacnacata	tcttatatcn	nnccatntcat	nacnntact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatacnc	ntttcatata	tanttaacnac	atnnctatan	attcntatat	ctctaccata	1620
tactntcttc	tactctatca	ngtaantatn	ctaantattt	atttatatcnc	ncantctctc	1680
tcacncacnc	ctctatcnca	tentntctcc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 3606

gggggntttt	aaannttntg	ggcttggttg	gttgccagat	cccttcgatt	cgaattcggn	60
acgagactgg	actaatatca	ttttaaataa	tattgctntt	tagcttcaaa	agacagagcc	120
tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtct	ccttgctcta	tctgggcttg	tgggaaaata	cccttgcatc	tttctatggg	240
natggncac	nggancacca	tctgncctta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccnngcn	360
anttaaaggg	gaantnttcc	ccccttgntt	gttgccnncn	cccngttttt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgntnttt	nttnaaaaaa	ttannatann	ntcnnttttt	480
nggggccatn	nccttntng	nnccnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnnccnnnt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	nataccctct	nnnttgccgc	ncnananant	atgnnnccnc	660
ctataantnn	ggantgttgg	nnccnaana	natntnttan	tnatangtan	tgtntntctn	720
nnnnctatac	ccnctgtngn	ttgtgcanen	ctcgngtacn	ctnnnnacan	natnngntat	780
aatannntgt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840

cggnnancgt	nactaacctn	antttan	can	ctctctntat	naaancgtna	cccccgctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt		960
cncctgatatn	tntannttgc	gnnacannng	gtgnnnaann	taaaggnneg	cgccn		1015

<210> 3607

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3607

tggnttttna	aatttttnat	gcgttggttt	tgccgattna	tcgattcnaa	ttcggcacga	60
gcctagttag	ccatcagact	ttcagcaact	tttatcatcc	agatagtcac	caaatagaat	120
aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaag	tccatgaatt	180
taatccttat	ccgtttgctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gtcaggggca	tggcctgttt	atctcgttgc	300
accagatgan	gggttggaag	gatgatgggtg	gtgggtgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gaccntcca	caggcaaaag	aggaatggcc	420
agcaatcttg	gtccttgeng	tgcaatactg	gccttgaggc	caagtcagca	ggggattcgt	480
aagtcactaa	cttctaactg	aggcagggaa	agtaccatgt	tctggaaaaan	gtaccaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agattttggt	gccaataga	tttgaatcct	600
ggttctgctt	cttcttttgt	agagtatgat	attgggtctt	ttctnccaa	agctntnttt	660
aaagacttaa	tatgtncncc	aaatcttttn	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttgct	ggnattatta					740

<210> 3608

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3608

tnttcnaant	tcnngctct	tgtcttttgc	aggattcctc	gattcgaatt	cggcacgagc	60
ttggaggctg	tttccagcta	gagaaagacc	tgcttatttc	tcactgaata	aggttccaac	120
aggctgccaa	atcctgtgta	tgctgttacc	caaataggaag	gagtgccctt	cctcaattca	180
taaaaaagac	aaagacagtg	gtagggatca	gctattatgt	cagtacatga	aaggaacccc	240
ctatctcaat	caaaatggta	aaggaagctt	gtctcaaata	acagcaaaga	aactcagttt	300
accagactat	aaaagtctct	tggtcaagaa	gataaagagc	tcctncagaat	aagaatacct	360
atacatgtat	ggatgtgtgg	aaagtcgaca	aaatgtgtnc	aagcaagttg	aattctggaa	420
actttgagtt	tagcaaatag	gagggttaaga	aggctgttac	cgtatttgag	gaaccagatc	480
ttgaagggtt	catattccat	aataagtata	atatgaatat	taattttgna	atagaacagt	540
ttctacctgt	ataaaaagga	agccttaaag	agatngaagt	tagagattta	ctcatanggg	600
ggatgattgg	taactactta	cttatttccg	gaatntcaaa	agaccctant	ggaatngggg	660
gattntangg	ggaaaaaat	ngacctcttt	tctcaaagat	gaaactgnaa	atTTTTTTac	720
cttaagaccn	ttgnaanaat	ggaaattacc	tttttaacct	tgg		763

<210> 3609

<211> 730

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

<400> 3609
cgtntttcaaa tttttnaactc ttgtctttttg caggatccct cgattcgttg gtgtgtaaat 60
aaaacttttag aaagggtcta ttgaactttg gacaggcaag ctccatgagc tctccctcac 120
tctttgaggc aggttaaagg gtacggccat gaccaccacc ttaatccttc agggactatt 180
tacaaaagat tgaaaaatgt gcccagggcc cgtacctgcc cctctgtgga actagcccaa 240
ctcaagtggg ctggcaggca agcctggctt tcatggggac agaagagaga gtttgcgggg 300
agcttggcat ttttcaacac atgctttttg gcttctccta ctgnattgna atttccatga 360
tatttgggtg gaaaaatgga cacccggnct cttttgcttt ttgnctgctg cttttcagct 420
attggggatt ctgcgccttg ggataatgaa gcanctgtc atttncctcc cctaaataat 480
gcattacaaa gtggaaatgc aaatttctct tgcaagctct aaataccagg tggattttcc 540
ttaatatatt gnttttgacc tttggggaaa ttggtattac nagctgactt tggaaattaa 600
aatacatcaa ggnccctcatt ttaaataaaa caatcgatat cttaattttt aaatcagact 660
ngattcnatt ccnggaaaag acatncatat ttgctttatg nggtnaaagt ttggaattca 720
ggaggacaat 730

<210> 3610
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 3610
ntttgaaatt tcgntantnc tttntttttt gcaggattca tcgattcgaa ttcggcacga 60
gatacgatgg ggtgcttggg ggatgggcca tggaggtccg tgagctggaa ctgggcacac 120
gccatcccag agggctcagg atgccccagg aaggaaagaa gggcaacaga ctacacgatt 180
ggacgtgtgt ggttgactgg gatgaagttg gagggagggg cagggccttg caggggattg 240
gtactgatcc cagggaggaa agtggtgggg cttcatgaac tangatgaaa ggagcccctg 300
accatgacaa ggggcacatc caggatttnc gccaccctga atttagtaga nctaatangc 360
cctggttgtt actnttgggc aaggaatgcc gtnaaccttt ganggtncgc acccacttgt 420
gtgttgccct cttgtncetgn cggggaaaca tncaccctt gtcttaacca ccaaactttg 480
cttgtgtntt cancaanggt tgncccttcc caangactta ctgnatgtac ccngacccta 540
agccttgccct ttcacatatt nggagctttt ggattcatnt gactttgacc ccntctgctn 600
tcacttgngg cctgaactgt tgatcaatgt tggcanaatn aaccncttn tnnanctaaa 660
gctactttac catccatata atgggattna aaaaaaaaaa aaaaat 706

<210> 3611
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(885)
<223> n = A,T,C or G

<400> 3611

ttnttcnaaa	tttcggantn	ctcnttttat	tgcaggattt	natcgctcctt	aatttcggca	60
cgaggcaagc	tggagagctg	cagaggctgg	tagcgtggct	cagccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagtcttg	gagaccgaat	gctggagaa	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagaggga	aagcaaattt	ggctttcttc	300
tgtcttcttg	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggtg	ttcttaccct	gntcatggat	tcaaagtcca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnnttttanc	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aattttttaat	attnttatnt	tncnntnttn	nnnnnccntg	ttnaanntnt	540
atntttntnt	anngactnaa	ntcnntacnn	tnnctcttcn	ntannatnna	antntcnant	600
tnancttnna	ntnnatcttt	tnanntnan	ntanacntnt	tnannncnt	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttatc	tnntctctnt	nttatgttnt	aattctactn	720
tnnntattta	aaatgtcnat	ntntatctnt	nanaccatnt	tnncncanan	tnnttatcta	780
nttctananc	ctttatntnt	ttntctttat	tnntgtctt	gtntntatcn	atntntttat	840
ntncnnntan	tnctntantt	nttannattn	antananttn	tnccn		885

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3612

gnntttttta	atccagctct	tgtctttttg	ggaccctcgt	togaattcgg	cacgagaatt	60
gataataatt	agacaaactg	aactaaattt	ttttaacaga	tacctgagtg	ccaagcttaa	120
cagatacctg	agtgccaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggttagt	gatctatgta	aaacaaataa	attctagtna	ctggcaaagc	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	atnttccatg	tgcctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	atnttacagc	aaggaaaggc	tattttctaac	aggaggagact	540
cagaggaaag	gaagccaccn	tttaaagttt	gggtacctgg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggacccg	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaancnngg	660
agccatggtg	gtcaatggtg	gtggtttaan	gggcngaaa	aaaattnggt	ggggaaaccc	720
cnacccccag	gncnngggaa	aaaaaannnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnanaaaanc	ctc					793

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3613

ntttnnnnnn	tttagngggc	cnttgcnntn	gntctttctg	caggatccct	cgattcgaa	60
tcggcacgag	caacagtcct	aaccagtcga	attagaccga	tttggtgctg	ctccttttcc	120

ttctaaacag	tagatacttc	tgatggattc	tcggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaattt	gggtagctct	ttatagcatt	cattctttaa	240
gatcagtcga	gaatanggtg	attctaaata	aacccaatng	aagaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcagggag	aaaaagggag	ccttaaattt	gcaagcctct	360
taacctaag	gggtttcttg	gntncctngc	cttttccaac	cccccnnaaa	tggcnaagtt	420
gttggggggc	ctttncceat	tgnnnaaaag	cccccttttg	ggaccntttt	ttaangggng	480
gngttanncc	cncnttttnt	aaaaggggcc	centnggaaa	cccggtggan	ttttttggat	540
attcncnaaa	agnggcaatt	tttttatttg	ngcnnntttc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagtttnc	acccttnngg	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnaa	aaggtattat	ttttngnnna	agggcnntaa	anttttnagt	ccttannccc	780
tttttttenc	aaaanctanc	cnnnaattaa	ccgcnttttt	ggggcctaaa	anaactnggn	840
cattttttta	aanaaaaggg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3614

ggcggtcct	ccnggaaaa	accccttttn	gggaaattcg	gggtagnnga	aaacnctttg	60
gggnaaacct	ccngcgcnna	aaangcgeng	agnnnnngng	aacggngnnc	cacnngcann	120
nnntnnnggn	ggancccnng	gnacgggttt	nccncttttn	nancgngacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaanncnc	240
ctaangaang	tagangannn	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtncnggca	naaagggggc	360
gggggcatnc	naancennnc	ccctcnnat	nngcaancnn	cnnanegggg	naacccaacc	420
agngcgaaat	anccancggn	gcctntaatg	cgcnaaacca	nggggcanca	cggaggggcc	480
tnngcgcggn	nacaaggcnc	acccctngna	cacgngngng	gggnacnnca	cncnccanacg	540
agcnggcanc	gnancccnnc	ncatnanggg	acccctacnn	nnnnngggcg	nnannntnng	600
cgnngggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacggcacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aatcggcaac	720
ccntgggnnn	ntncntnang	ggagcccggg	nccccccacc	cagnntccnn	gananncaat	780
gnncccnnt	cnannaccnc	nccnntaanc	cnggggcnca	gngggnaang	gnggangccc	840
ccnnnacggg	ggnctttana	gnccctaaan	antnaccnnc	ngnntncaca	aacnncaana	900
agnggcann	nccctctggg	ganncaaaag	nncgcganeg	cnnnnanenc	cnnnangntc	960
ntcngnncnc	nccacnnggn	cntccgcnc	gggagnncan	nggnnnnccc	ctncnctncc	1020
naaaagcngn	gntcnnnca	accnnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3615

agggtgctc	ttgttctttt	tgacggatcc	catcgattcg	aattcggcac	gagaaaagga	60
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gccagaactt gatgattttg aaaattctca gcctttctgg ttggcagagg gtgatgaaat 120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggt ctaaagataa 180
agccaagact gtgcctttta agcctgctgt taagacctga naaggtagtg ccttagcatc 240
ctcttcagtc aactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg 300
agcccaaggt agagggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct 360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnngaaa agaacngtnc 420
naaatgaaaa gagctgtcgg caccctagc attctgctgg caggaaccag ctgagaaagt 480
gctcangact acacatgccc ctttcatcaa aagggaaga tgactcanaa gttggaagca 540
ngagcctaga natgaaggcc aaaagtcatg ggagaattct tttccaatg gttgagancc 600
taattcangg aactttcaag nggtttgncc ctggctngga attcannaag tccagtattg 660
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aaaaaagggt ttttnccct ttt 743

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<210> 3616
<211> 906
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(906)
<223> n = A,T,C or G

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<400> 3616
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cggcagcagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacgggcac 120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta 180
tctggnnaaa aangaacact ttttggaactt antgtaatng ctntngnccc tgtaaaaggc 240
aangctancc ncttaacttt cccanntnna ctttttnagc cagggaacca aatgnaaagg 300
gttaatggtn tnncatggaa caggactact ttgcttcccc tttggnggac aaantttccc 360
tagaaacaan cttacccttn aaaacaccca aaaacnttcc caancccccant cntggnttgg 420
gcattagnga agcatggtn gtncccaaac tttacccaaa aggggacntt ggggagccca 480
ccctttntga cttcttgttg gaaattactt tntannngag gaacctggac ttggccttgg 540
antanaaaaa ccccttgtaa atttnccctn naanttancc nnattcccct taaaagacnt 600
ttntntttgg gaaaganttc atttngcctt gntacntatt tccctttttt tgnggtggca 660
ttaaataata ttttatttaa accttggttt caaactggac caacatttgg gttttcttnc 720
caacttangg gaaatttttg gaanttcnaa aactgnttcg ccttttgaaa gancttngct 780
ttttttttgg naaaanngtt ttnggaattt gggctgttaa ccnaantttc cntnttttgg 840
aatcccnnaa gganggggcn anatctctg gggcaaaaaa aatnnctngg taccctttt 900
tggntt 906

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<210> 3617
<211> 1235
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1235)
<223> n = A,T,C or G

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<400> 3617
ctaatnctgt aacctanntt tcttgacgcc nnentcgcnc taaactacnn tgnctnnggn 60
netccnccct tacnccaccc ctcacccccc tecttttnnt ctcgngngcc tncccccccc 120
ctcccnctn nntgcccnnc nccctanccn ccccncttct tcnneetegn cnntnctct 180
centtccenc ctccccccct tectcnctt ctnnccccct cccccctc tccgcacctc 240

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tctntceccc	tencetgtct	ccccnccct	ncccttcccn	ttcctctncc	ccnntacttc	300
cncctceccc	ncactcectc	ctctcnncn	ctnccctnnc	tnccnctcan	ccccctctc	360
ccctctcacc	cnccttcccc	cnnnnccct	ccccctctc	tnnntctct	cnncccnenn	420
ctcctctctc	tccttnncan	ccccctctc	nccctctacc	ctnctcccc	nntctctct	480
ncctacctcn	accttcectc	nnnccntccn	acnccnanncc	tctctctncc	tcctnctct	540
cncctctctc	ctctctncta	tnccnccntt	ctcccccttt	ctccnctctc	tcctccctcc	600
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ttcatcatct	ctctcacatc	tctctctctc	tctctctncc	tcactctct	tctctnttct	720
tacctctctc	cncctctnca	ctctctctct	ccctctctcc	ttctctctct	ctcncctttn	780
tnctctncc	ctctctctcc	tctctctctc	ccnntctctc	tctctctctc	ntctctctcc	840
nacctctctc	tcctctctca	ctctctctcc	tctctctctc	cttccccncc	tnccctctcc	900
ccccctnccc	ttcnnnccat	ccccctctct	ctctctctcc	ttccnncccc	ttctctctcc	960
tcancctacc	ctnctctctc	ctctctctcc	ctctctctcc	atcccccccc	ttctctctcc	1020
ccctctatccn	tcctcctctc	tnccctctcn	ctcnnctctc	tacacnctcc	ctctcccccc	1080
ntntctctncc	ncctctctatc	ccctctcnatt	ccctcctctc	tcctctctcc	ctctctctcc	1140
tctctnctct	ctctctctct	ctntctctct	ccctctctcc	ntctctctcc	ccctctctct	1200
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<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 3618

ggntattttna	antttttctaa	aagcttngct	actttganct	ccgtnggagc	ccatcgattc	60
gaattcgga	cgagcccaac	cccagggtgtg	ccgctgtgctg	cccttgagag	ccctgccccn	120
cgctgtgacc	ccggagatgc	ncgcccgtgtg	ggtagactgg	ctgggtccang	tgcacgtagg	180
agtacctggg	tctggctggg	gacacacttt	atctggcggt	tcacctgctt	gattcctacc	240
tgagcgtgg	cccnggtgctg	tnctacatngt	ctgcaactgc	tgggctgggg	cttgccctgtt	300
tgtggcgtgc	aaaatgggaa	aagtgcgtgc	tttccngaga	ccnacttnc	tnntgnntct	360
tgnnngcgga	nnntcttttt	ttannnggng	ggaactttat	tgnnctnccc	aaacnntngc	420
antctntnnn	ncnccnctn	gaatttttctg	ggcttnanta	ccaaannccn	gnnccganng	480
nttgancct	tnccgacttt	tttggnncnc	ntccttttnc	aangganatn	aaatcccccc	540
aagttgaaat	ntttancatt	gtgncannccn	ttaaatttct	tgggaanctt	ggtanttttg	600
acttgganag	nccnccnaatn	gccnnnccng	ggatttttga	aaacccccggg	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttngggngn	ccaannnnnn	attttggnnt	720
tctaaaatng	gggggcctng	ggctttttca	atnggggttt	tcatagcncc	cannnaaaan	780
tnnttttaac	aataatacccc	ctnanngngt	aaanttttng	ggnanaaccc	cttttttnat	840
aagnccctn	ttntnaaaaa	atttttntta	aatgggnnan	atcnnntnta	tttttanacc	900
tnatanganaa	atctctcacn	tnaacatttt	tgtnatatan	nnggatnnnc	anaatatattg	960
gtanaccaaa	aatattttta	tgttggaacn	cnaaaaaann			999

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tcncaaagg	nnctanntng	ccctaaanan	aatngngtnn	60
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ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttgttga	catgtncac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaagg	aacattnana	atatnctnnn	360
naentttctc	tgaagacctt	acnatttcta	ttacttcaaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnttcnnggt	cnttcttacg	ntanccgnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	cccctcgccc	ccctcctcg	cnnccctttn	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttctnc	caaaaacgtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tncntacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctccn	nanctcactn	ctcncennnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(959)

<223> n = A,T,C or G

<400> 3620

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gggggtgagtc	tcattcttcac	cctttcacca	actgtcctgg	taacaatctc	ccttccattt	120
ccttggttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaata	tttaccatat	tcttcactcc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggnc	ttnancactn	360
ggnttttgnc	ttttanctaa	accnggantt	ttcctgggga	nccaaaaact	tgtnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnnctnata	atttttcggt	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	gggngnhatn	600
tttcttggaa	taggccncct	tgggaaaacc	cccaaaatnc	ttggaacagc	cgcgaataaa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaaanaa	nggccttttg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccccttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttgggttaa	aggaancnnc	tttgggacn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 3621

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tcctatttta	cgtggttggt	gagaggatcc	gatggaatga	ctagctgaaa	gtgtttgtaa	120
aagtcaggat	aagtaaagca	atgctgcagg	aacaaacaat	cccaaattt	cagcagctta	180
ctacaaaaaa	atatgtat	ctcactcatg	ttcatgtcca	atgtgtgtta	gcaaggagat	240
actgtctctc	acagtcatgc	aagaccctt	gctggggaag	ctgcacctnc	atatatgctt	300
ctaccatcac	cagggcagag	gagagggagc	atggtggatc	atcactggct	cttaagactt	360
tacttgngng	acatatgtna	cctntactca	tggnatnatn	ggccaaccaa	ttacatgggc	420
atagnctnac	tttaaaaagg	gcaggagaag	tgcaaaactta	tcatgggccc	caaggagaag	480
agaatcanag	tatttctgaa	cagntttaat	ttttggccag	acettgaaag	tncttaagaa	540
attagcttcc	aaaaaatatt	atggaatatt	tttcaattct	tccaaagcca	gcctgggtant	600
ttnggattca	ccaaccggga	aaggctccctg	gnaacttctt	aaaacttggc	naggggagggc	660
ctttttacctt	ggaatggtn	aannaaattt	anctcnattn	aaantttcaa	accaaggggt	720
caaaaaattcc	aaccgaatgt	tnanccaant	ggggncncca	aacctttgaa	accccnngng	780
nccccncttt	nacttaagct	tacttgnnnn	accngaactg	ggnnnaaaan	ntnntcccn	839

<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 3622

tnnnnnnnnn	aagagnnnnn	ntttgaanct	aatgctgggc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggcgg	ctggcggaac	aacctctcga	tgagccccctg	120
cccgatgccg	cgggggagag	gccgngacgg	gaccgagaag	tgggctggga	gcagaggctcg	180
cggatgtggc	nagcgaggcc	ggggcccatg	cngggaccgg	aaggggccc	ggagtggcng	240
gcacgccagg	gtcaggggtg	cggncgaggg	anggggccc	gggttnggga	aggggncng	300
gtgagggagg	ttaaacagcc	ttgcaggcct	nngggnaccc	atgttggacg	gcncngcng	360
natgtgcgag	ggcccgctcc	gcctctcggg	gcccacccc	acatacngac	gctctgtcct	420
gacaactnca	tgctgccgac	tcngctcaag	ggcgccctga	tggaaccgc	tgaactggac	480
ttgctgactt	ccnacgggcc	ctggacacna	ncgntgcnc	tnggccccctg	gcattangtc	540
cnggnggccc	gaaaaggatn	ctgggnagnc	cggtnacagc	ccngccttct	gggngacntn	600
ncttnnttgc	naacttcgag	ggggggatct	taaccttaag	gttccctggg	gngeccctttt	660
ttttaaaaga	nnggaaaagg	gacnccctta	angggncccc	nttgaaaaaa	agggatntaa	720
acctttggan	ggcccggggg	tncaannggg	aaagaaattt	tcaaaaaaan	cctcnttttt	780
taaaaaaaaa	aaccnnggg	aaacnctntt	tanccccnng	ggnaanncct	anggggggnc	840
caantncccc	aaaagggncc	cccccttgn	aaaa			874

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3623

agagnnttnn	tnnttgactt	tnatgcttgg	tctactngtt	ctttttgcan	gatccccatcg	60
attcgaattc	ggcacgcagg	tnngatcctg	cactcnnttt	anngagccct	tgncnnaatg	120
ccntgnngga	gaggccgnga	gcgggaccga	gaagtgggct	gggagcagag	gtcgcggagg	180

tgccgagcga	ggccggggcc	caggcgggga	ccggcagggg	cccgggagtg	gcgggcacgc	240
cagggtcagg	gtgccgggcg	agggaggggg	cccgggggtg	gggaaggggg	cccggggagg	300
gaggtaaaca	gccctgcagg	cctcggggca	ccgttgctgg	gcggcgccgg	cggcatgtgc	360
gagggcccg	cccgcctctc	ggggcccatc	ccccagacc	gacgctctgt	cctgacaact	420
acaggcggcc	gactcggctc	aaggcgccct	cgagggaac	gcgctgaact	ggacttgctg	480
acttncgacg	ggccctggaa	ccacgtcccc	gtggccccctg	catcggtccc	ggtgccggag	540
agatcctgga	gcgcggccac	gcggccgctc	gggacgtgct	gttgcaactc	aggggggagc	600
tncctagggtc	ctggggccctc	ttntcaagan	gaaggaccct	taaggaccat	gagaaggaga	660
acctgagccg	gatcaaggga	gatttaanaa	acctttaaaa	gaacanganc	cccaaccng	720
ggancaaagg	ccaagccaag	gccccctna				749

<210> 3624

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3624

agagnnnnnn	ttgtanctna	tgtctggnta	gcgtncctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctccc	gacccccct	ctccccctcc	ccacctatcg	tcattgacggc	120
ctctccggat	tacttggtgg	tgttttttgg	gatcactgct	ggggccaccg	gggccaagct	180
aggctcggat	gagaaggagt	tgatcctgct	gttctggaaa	gtcgtggatc	tggccaacaa	240
gaaggtggga	cagttgcacg	aagtgcctag	tagaccggat	cagttggaac	tgacggagga	300
ctgcaaagaa	gaaactaaaa	tagacgtcga	aagcctgtcc	tcggcgctcg	agctggacca	360
agccctccga	cagtttaacc	agtcagtgg	caatgaactg	aatattggag	tagggacttc	420
cttctgtctc	tgtactgatg	ggcagcttca	tgtcaggcaa	atcctgcac	ctgaggcttc	480
caagaagaat	gtactattac	ctgaatgctt	ctattccttt	tttgatcttc	gaaaagaatt	540
caagaaatgt	tgccctgggt	cacctgatat	tgacaaatgg	gacgttgcca	caatgacagg	600
agtattttaa	ttttgagaag	agtagttcaa	tctctcgata	tggagcctct	caagttgaag	660
atatggggaa	tataatttta	gcaatgattt	caganccttat	aatcacagg	ttcagatcca	720
gagagagtgg	attncaagtt					740

<210> 3625

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3625

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tcgaattcgg	cacgaggcct	cccgaccct	tttctcccc	tccccaccta	tcgtcatgac	120
ggcctctccg	gattacttgg	tggtgctttt	tgggatcact	gctggggcca	ccggggccaa	180
gctaggctcg	gatgagaagg	agttgatcct	gctgttctgg	aaagtcgngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgc	agttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcctcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcattgtcagg	caaactcctg	atcctgaggc	480
tnccangaag	aatgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540

ttcaagaaat	gttgccctgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtattt	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatcc	anggtttcag	720
atccngagag	agtnnattac	aagtt				745

<210> 3626

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3626

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attcggcacg	agccccaccc	attagttntg	tgggcctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctcctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	atagggaggg	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggcttc	360
atatttgctt	ccatgagtga	gagggccaag	tggttatctg	aagttgaatc	ttctatattc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccaga	tcagccgttc	acttgctcta	480
agcctctata	atctatgatt	ttcttttctc	tttaacctgc	tctttccatt	ggccagttta	540
ttcattttct	agctacagct	tcagaggggc	tcaccttong	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atgttgctcc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttgggtgc	ctcatcaate	720
tctttccatc	ctggg					735

<210> 3627

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3627

agagnnnnnn	ttttngncta	atgctggntt	actcgggctt	tttgcaggta	gcccancgat	60
tcgaattcgg	cacgagcccc	accattagt	taggtgggcc	tgcccaacac	cttccctgggt	120
tcacatccgg	ccagacaaga	aagaagccaa	aaaactttcc	gtctaccact	gcgcctcctc	180
atgccccccc	catcctatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaccagg	agtccactgt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcatattt	gcctccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaat	ctccatccct	tttttctgcc	agcgcattcc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattcat	ttctcagcta	cagcttcaga	ggggtcacc	ttcgggcttc	ccgccccaa	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtea	ggagccaggc	ccagcttgat	660
ttggctcccc	tgtatctttg	ngncnctgct	cantctctgc	tantgtgctt	nggggtgcctc	720
atcaatctct	tccatcctgn	g				741

<210> 3628

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3628
 agagnnnnnt tntanctaata gctgggnatag ctgggctttt tgcaggatcc catcgattcg 60
 aattcggcac gagcttgatt aggtcttttag gggccgaggg actagccagc tgcacagggtg 120
 actggatggg ggagggggcan gtgagggtggg tctacagagg tggcttcgcc tttgaccttc 180
 atgctggtct cggctgaggt gacacgctag tgacagccca ataggggggtt acccttattg 240
 agtaaaatac ttcagattga cagctcaatc ttagtttgcc tccagttaat cttttatgct 300
 tagggattaa atgtgtgggt tttnttttgt nnnnnttttt tggagacgga ntctcgntct 360
 gtcacccang ctggagtga gtggcgcgat ctcggtcac tgcaacctct gcctcctggg 420
 ttcaaacgat tctcctgcct canctccca agtagctggg attataggcg cccaccacca 480
 tgcctggcta gntttttatt nttagtanana atgggggtttc acccntgttg gccaggctgg 540
 tctcgaaactc ctgacctgct ngatctaccc acctnggnct cccaagtgtg gggattacag 600
 gcgtgagcta acatgcctgg ccaggggatt aaaatattca aacatgttgn gtgtaccag 660
 atatgctgnt aatttangaa aaacagtnca atttctatga aatgggtggg gactatttnc 720
 tgtantcaat acattnggga tat 743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3629
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 gtgactggat gggggagggg cagggtgaggt gggctacag aggtggcttc gcctttgacc 180
 ttcattgctg tctcggctga ggtgacacgc tagtgacagc ccaatagggg gttaccctta 240
 ttgagtaaaa tacttcagat tgacagctca atcttagttt gcctccagtt aatcttttat 300
 gcttagggat taaatgtgtg gttttttttt tgttnttttt ttttgagac ggagtctcgc 360
 tctgtcacc caggctggagt gcagtggcgc cgatctcggc tcaactgcaac ctctgcctcc 420
 tgggttcaaa cgattctcct gcctcagcct cccaagtagc tgggattata ggcgccacc 480
 accatgcctg gctagttttt tatttttagt agaatggggg ttcacccgtg ttggccaggc 540
 tgggtctcga ctctgacct cgtggatcta cccacttggc ctcccaatgc tgggattaca 600
 ggcgtgagct ancatgcctg gccagggatt aaaaatattc aaacatgttg ggtgtacca 660
 aaatatgcct ggtaatttag gaaaaacagt ccaatttcta tgaaatgggt tgggactatt 720
 ttctgtagtc aataccaatg gggatatct 749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)
 <223> n = A,T,C or G

<400> 3630

agtgtnnnct	ttgaaacctt	atgctcggtg	tagctggggt	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagagca	tgccttaaag	agggaccagc	tgtagtaggt	cagttttattc	120
aagatgtcaa	gaactcaagg	tctacagatt	ccattcgtct	cttagctcta	ctttctcttg	180
gagaagttgg	gcatcatatt	gacttaagtg	gacagttgga	actaaaatct	gtaatactag	240
aagctttctc	atctcctagt	gaagaagtca	aatcagctgc	atcctatgca	ttaggcagca	300
ttagtgtggg	caaccttcct	gaatatctgc	cgtttgctct	gcaagaaata	actagtcaac	360
ccaaaaggca	gtatctttta	cttcattcct	tgaaggaaat	tattagctct	gcatcagtgg	420
tgggccttaa	accatatgtt	gaaaacatct	gggccttatt	actaaagcac	tgtgagtgtg	480
cagaggaagg	aaccagaaat	gttggtgctg	aatgtctagg	aaaactcact	ctaattgatc	540
cagaaactct	ccttccacgg	cttaaggggt	acttgatata	aggctcatca	tatgcccgaa	600
gctcaatggt	tacggctgtg	aaattttaca	tttctgacca	ttcacaacct	attgatccac	660
tgttaaagaa	ctgcataggt	gatttctctaa	aaactttgga	agaccagat	tgggaatgtga	720
gaagagtaac	ccttgggtcac	attttaattcn				750

<210> 3631
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3631

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gaattcggca	cgagagcatg	ccctaaagag	ggaccagctg	tagtaggtca	gtttattcaa	120
gatgtcaaga	actcaaggtc	tacagattcc	attcgtctct	tagctctact	ttctcttgga	180
gaagttgggc	atcatattga	cttaagtggg	cagttggaac	taaaatctgt	aataactagaa	240
gctttctcat	ctcctagtga	agaagtcaaa	tcagctgcat	cctatgcatt	aggcagcatt	300
agtgtgggca	accttctctg	atatctgccg	tttgctctgc	aagaaataac	tagtcaaccc	360
aaaaggcagt	atcttttact	tcattccttg	aaggaaatta	ttagctctgc	atcagtgggtg	420
ggccttaaac	catatgttga	aaacatctgg	gccttattac	taaagcactg	tgagtgtgca	480
gaggaaggaa	ccagaaatgt	tgttgctgaa	tgtctaggaa	aactcactct	aattgatcca	540
gaaactctcc	ttccacggct	taaggggtac	ttgatatcan	gctcatcata	tgcccgaagc	600
tcaatgggta	cggctgtgaa	attttacaatt	tctgaccatt	cacaacctat	tgatccactg	660
ttaaagaact	gcatangtga	tttcttaaaa	actttggaag	accagatttt	gnatgtgaga	720
agagtacctt	ggtcacattt	aattn				745

<210> 3632
 <211> 1304
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1304)
 <223> n = A,T,C or G

<400> 3632

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nnagggctgc	natgcganc	gcaaagtcac	acaaaaactt	cacttaagta	gtccctattt	120

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ttactccagt gcttatnca ttatctagca gaatgtacct tcattngatc cactattttac 180
cantgattaa agtggagcng tcngtggagt tatacgnnac tnnagnagact tntgtctanc 240
gaaatacann anacaaccnc anaggaccat aanttttnatg cctatagaac atnnnnangaa 300
acaggagcag gatcntngtc tataatatan caaacttgnt tnnacatacc tancnacaac 360
ctacaaatgc tcttanaacc ancctanctn antgctnccn agtttttctn ggntnaactc 420
cnactnttng gngcaantgc aggtcacnt anctncnatt cccnantgna naaactnnnn 480
ccccnnanan ctntnnntnta gctcannnct ctttaacnac nttnnnnatnc ntntannat 540
cagccaggnc accnacanta nttcanttcn ttnnccaatc annactgnaa tntnnnctt 600
nnctntttnc ncttctnnct aacatcacgg ctatncgcnt aaatnttcta cactcacggg 660
tgananaactc ggncnacan tctnecgggag nctatacctn tcgcnnnnca cagtntgcgn 720
tatnncncaa taagaanaan atctnctc nnnananatc nccnttctn aaccannaca 780
nnntgnntct catnnacnnt ncgtaangen agtacncgn tantcancat actnacatan 840
nagtntatcn aactntncnc ttctntnanc tananacgtn tcacncttnc ntatanaact 900
cntattanac tcanacnngc tcctnngnga tngtncctc tatnganann nnnncannnc 960
tanngnnnat nactccgacn gtacacctat ataatagant ctntacnct ctattcatca 1020
gatnnanttc tcanagant nnnnntaaca ttatncncac tanacnatgn tcancctna 1080
nattegggnc nctacacnct ctacnccatc tcnagcntnn tacttctcac aannnancct 1140
nctntacncn ntacanatan tatcacanat ccncgnaant ntntntnct cntagnngta 1200
canactncan tctatntcta cnnataaata tntcctatcn nctcanatcn cncntntant 1260
cngntacggn tntcgcannc nctcctcatc ntntcngnac ncnt 1304

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<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 3633

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cnaaatnctt gctacttttg atttccngna ggatcccatc gattcgccga ttacagatt 60
gaagcggtaa attagtgggt ttatgggtatt tctgtaaaca gggataaagt ggaccctgac 120
aaattcaata ttgtctgaag agacaatcta ttctgggtct gttggacttc agggatattt 180
tctttttttg taaaatgaaa actacaaaga aacctgactt ttcaattttt tatacatgta 240
atthttctaga aatctaggaa gtcattttaca catccttata taccatgagg ggcaaaagta 300
agctttcttc ctcccaaagc aaaactcttt ttctttaagg agctggaatg ccaccttgaa 360
attctgagtt ttgagctttc agtcattttt tggctggaat aggtgggtga aatttcttaa 420
gtctgctctg tgatgtncct ctgaagggat gcancatgaa ccattgggtc ctttatgcga 480
tcatgtcccg ggctgcactn acanggtttg gggcanaaaa aanccaaaca tttcaccac 540
aggcaagctt gctntcggg aacccccnaa gctgggtcct gcgacagaat ttggtnaagg 600
acccttnacc gnttggtcac tggctgcatt tgnngccaan accccccccc gcctnattnn 660
gaggatttta aaatttggan tgggttggtt ggccttgcat ttccgnanct tatgcctaaa 720
aaaaattttc ct 732

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<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	ncttttcnna	anananango	tnggcgaatt	cggcagcagg	60
atctatctct	tetccctgcc	cattaaggaa	tcagagatca	ttgattttct	cctggggggcc	120
tctctcaagg	atgaggtttt	gaagattatg	ccagtgcaga	agtcennanc	cccccccnnc	180
cncntcnnc	cnccectcnc	nctttectnn	ntccccctc	ccnnntecn	ccnnnnnnct	240
nancnncn	ctnaencnct	cncnctenn	cncccncca	cncccnacn	ccaaccnnnn	300
ccnnncnn	ncaccanc	tnntnncccc	ncnnatntnc	tcnancnt	acnncnctn	360
ttcctctc	tcnncntc	cncnctttn	cacnctctc	ntacctcnc	ncnctctcc	420
nnncnncnc	ccntctann	acnctann	accccccn	atacanctn	cnccnccnt	480
tcncccn	ntcanntenn	tnntccnnc	tnnnccctc	cnnnntttn	nantccaanc	540
nacnncnnt	ncntcttct	ntatcnctnc	cttacctcc	tcctactcn	ctctcnctc	600
cncctctcc	tcnncctct	ctnnctctc	nnnancctc	ctcncccn	cncactttcc	660
anccttctnn	ncacacccat	tcnntacac	nnncnncnc	ctnnccct	caennntct	720
cncnctctc	ncnnanncn	ncnncann	ncnncctcn	ctctannnn	cncnnnnnn	780
ncnncnctn	cncncatctc	tnnctctnct	cntntcnca	tctnnnttt	ctntcnncnc	840
acnacttcc	actnntcnct	cctctannnn	ncanctcnnt	tctncccn	acnatnatnn	900
accnncnn	tnctcnnnn	tnatccctc	tctcnctctc	nttcannnn	cacnacttcc	960
ctccnnntn	ctatencant	cnttcacnn	ncctctcnc	tnatatntn	ntacnctcnc	1020
ctctcacctt	cacatcatna	tacnacnaca	cntctatna	nnctcnct	ctancnctnn	1080
ntacnnccan	nnncnctnc	accnncntcc	ttccnctcn	tctctnctnn	catctnnnt	1140
nantctntca	ntctctntc	ntnctctttn	actctnncn	ncnncacna	ctntctatnc	1200
nnccacnaat	cancatcnct	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
ntnctntc	tctccct					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3635

gnnnntnnan	ncnnnttnc	aaatngctag	gctactngtt	ctttttgcag	gateccatcg	60
attcgaattc	ggcagcaggc	tgtttcctca	agaaaatgaa	gaggggaagga	tggctcangg	120
aaagttaatc	agagggaaaa	tgctactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggc	agtgaanacc	acttaaanac	aaactgaanc	ctatgaagg	240
gcatgctatt	tccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtgg	300
ggtgaagcag	aattttattg	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccat	ggacaaaact	ttctctttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gccaggtct	actntattca	tttatnttt	tgttnnagatg	540
gggacttcaa	ctcctggtct	caaagtatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcgtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctaggtg	ggtctaatta	720
atactcggat	tgagaaccct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

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ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgctt	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaaatatt	660
aaaagcta	gattaataat	gtttataata	atgatggata	attgggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgctt	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaaatatt	660
aaaagcta	gattaataat	gtttataata	atgatggata	attgggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngcttngg	gcccancat	60
ggnncctnnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

gggtngttcc	nactgggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttcngagct	nacactgaca	gntncanttt	300
cccncanaac	ccacnatagc	ctngctgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gccggggacac	tcatnacant	ctccacgntc	tnctcttccc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnecca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nttcttggcc	canctccctc	cttgacanaa	tcatnaceca	ncatgaacnc	cactnngcca	540
tnccnntcna	canttttttn	tentcattnc	atnttntctn	cccatngnna	cntcnnaacc	600
nnctagtana	ccccancant	ctcggnatct	ncncaaccng	nncancnana	cntttgntct	660
ttntncnntn	tgatcntcca	cctnntcttn	tctnncnatn	tncaataatc	ntaatctcta	720
nacatnctac	tcttaaacnt	ccnttnctta	ntttcccaca	catctgttna	tacntatccc	780
tnccctnccca	tgntnnnnat	ctcanntccc	cnnngcctnn	annatnttac	tcagccctnt	840
cctttatnna	nttcnntnca	ccnngnnnag	nnnnccatan	cnnanatttn	nncancacan	900
cncctctcntn	ttttcaaacc	tncccccg				928

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

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gagagttagt	ggtcttacca	aaaatccagt	atccttgcca	tccttgccaa	atcccactaa	120
accaaacaac	gttcctttctg	tgcccagtc	tagtattcaa	aggaacccta	ctgccagtgc	180
tgaccattg	ggaacaacac	ttgctgtgca	ggctgttcca	acagcacact	ctattgtaca	240
agccacaagg	acttctttac	ccacagtggg	cccatcagga	ctctatagtc	catcaactaa	300
tcgaggctct	atacagatga	aaattccaat	ttctgcattt	agtacttcgt	ctgctgcaga	360
acagaacagc	aataccaccc	caagaattga	aaaccagaca	aacaaaacaa	tagatgcttc	420
tgtcagtaag	aaagcagctg	atagcacatc	acagtgtgga	aaagccactg	gcagtgattc	480
aagtgggtgc	attgatctca	caatggatga	tgaagagagt	ggagcttcac	aagaccccaa	540
aaaactaaat	cacactcctg	tatcaaccat	gagttcttct	cagcctgtgt	cacgaccatt	600
gcaaccata	caaccagcac	cgntctttca	accatctggg	gtgccaacaa	gtggaccatc	660
ntcagaccac	catacactta	ctacctacag	cttcaactac	ccngaatgt	aacacatcgt	720
ccagtaactc	angtgacca	caagaatncc	ctgtaccaag	agctccttnn	aaaccaccan	780
n						781

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

ctaacnaatt	antgngnang	ctcgtncttn	ccgaacnana	nnggcggggg	cgaattcggc	60
acgagattta	gtcactagct	ataatacatt	tagtgaacaa	atgtagtctt	gcactaaaat	120
tagagaatac	ctatcctttt	caagaataca	taaaataatg	accatatata	taccacagag	180
taagctgcaa	ccaattctag	ataacttaaa	tacagaccat	gtttggaaat	ttaagaaaaa	240

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aaaacacatt tataacttgt ggatcaaaaa agtcatagaa cttagacaat acttgggaact 300
gaatgtaaat acaaagtcta ttaaaatttg tagtatgcag ttaaacagga cttgtatacg 360
catttatata tctaaatgca tgtattagta aagaaaaaca aatagaaaat taagtttcca 420
actgaaaaag ttagagaaca acagatccat cagaggaagt agacagaagt tataaagagt 480
tataaaggta accaggcatg gtggtgcaca ccctatagcc ctagctactc ngnangnnnn 540
gnnggtnnnn aggnttgctt gnnncnnga atccnacngt ccnnncngnc cnattgateg 600
gcnnetgcnc aatngnnctn cttctancct caccctnngg tcnaccatan ggnganncan 660
nncatactcn tengcacanc ctatttcctc nananggtng gntcctcenn nnnatcttnc 720
nennntctc anctancttn ncatnttnnc tanntcnant cctccatatt ncnntctnc 780
ccnactactc gntnacgnet cnnctttctn caanannngn gancctntna nngncaaca 840
tnentengtn ccnncnctn nncntnnntn nccncttct nntctctctn ttcnngcan 900
annccanntn ngntctntcn ntct 924

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<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (868)

<223> n = A,T,C or G

<400> 3641

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ctaaaaanaag gtngggggaa ttcggcacga ggtcaggctc tgctggacac tgcattgtcca 60
aacgtcattt tacccatgtg ccagcgacaa ggtagattcg cttgtnccaa ttttgcacat 120
aaggaaacag ccttagagag gttaggttgc ttgtgcaagc ccagggtagg tggcaccag 180
tctgccagtc tgcaacgcac tggatcttn cagccagtag accttgctcc ctgggtgccc 240
agttctggat ctcaggaaan gtggattaag gtcctagtgc gcgggacctg ggtggggatt 300
tgetgccctc tgggtggcaga agggacatca ccctgggtgt gagacttgtg ggcattctgtg 360
aggcgggtctt ttcattccnan ggaagccgga cctcaaatct gacctcagcc ccaggaagg 420
gccancanga nggtgccacc tangagggtg ccaccagggt tccgccnggg tctgctgggg 480
ccctgtctcca tcttgnttga nncacataa cncctcaagt gtcacnagac ccagggnntn 540
actgtctggg ntttganncc tgtgnnngcc ccctgagccn atttgncctt ntctctctt 600
tggggcccct canntttccc nttttcantt tannanttct ncnnantnna ttaannctcc 660
cnggggccc aaactnatnct taggaaacnt ncactnctn annaatttaa atttatntc 720
tacacttcaa ctctnccatc tnnnaactgc cttnacnena atntatttct tncntnnnct 780
ccnctntcta natcatcnnn tctatctct tatatnttca ctnnnctnat nanaaaaaact 840
anncngtgcg tctttcntta gaacnctt 868

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<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (787)

<223> n = A,T,C or G

<400> 3642

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tnnacaattn cncntgctac tcgttcttcc cgcaatannn nntgctnttc gaattcggca 60
cgaggccagt ccctggacag ctncgacgcc atgaatatnt tgcccangaa gagctgncac 120
gtncggaaca nggacaatgt ngncgcntg cggngtgacg agggccaggc ccggnaggag 180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta 240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggcgggagcc 300

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ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tgggccanag	tgcactngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aatcagctg	720
tatangtctc	nggcataagc	cctgtctggc	cccnggttcc	aaagcccnng	cacttacang	780
gagggnt						787

<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

tnnacaattn	cncntgctac	tcgttcttcc	cgcaatannn	nttgctnttc	gaattcggca	60
cgaggccagt	ccctggacag	ctnecagccc	atgaatatnt	tgcccangaa	gagctgncac	120
gtncggaaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncga	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tgggccanag	tgcactngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aatcagctg	720
tatangtctc	nggcataagc	cctgtctggc	cccnggttcc	aaagcccnng	cacttacang	780
gagggnt						787

<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

tnanctatng	ntgtgtnggc	tcgnncttcc	cnnannaaaa	gggctgtggc	gaattcggca	60
cgaggagtgg	atatgttcgt	ggagacactg	tggaaagtct	ggaccgagct	cttggtatgtt	120
cttggaactg	acgtctccaa	cctgtcccag	tatttcagcc	cagcctcggt	gtccagcagc	180
ccggcccgcg	cgctcctgct	ggtcggcgctc	gtcctcctgg	cctaactggtt	cttggtccctg	240
accctgggct	tcactttcag	cgctcctgcac	gtgggtgttcg	gccgcttctt	ctggatcgtg	300
cgggtcgtcc	tgttttccat	gtcctgcgtg	tacatcctgc	acaagtaaga	gggcgagccg	360
gagaacgcgg	tgctgcccgt	gtgcttcgtg	gtggccgtct	acttcatgac	cgggcccctg	420
ggcttctact	ggcgaagcag	tcccagcggc	cccagcaacc	ccagcaaccc	cagcgtggag	480
gagaagctgg	agcacctgga	gaagcaggctc	agactgctca	acatccgtct	caaccgggtg	540

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ctcgagagcc tggaccgctc caaggacaaa gtgaagggtca accggccggg cgggtccaca      600
gttaccagca cgcttgtctt agaaaacgaa aacngaggaa aaaaaccca aaacccaaa      660
caatcttaan taaacacgac tgagcaaana aaagttggcc ctgtgtaagg gctattttca      720
cccacccgnn aagtttttag gacncatttc cccagaagaa ccggaagaaga tcatttgacc      780
ctnggaacn                                     789

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<210> 3645
<211> 1098
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1098)
<223> n = A,T,C or G

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<400> 3645
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cnantcanct ttcnnagtna ccataagagc aaggggaact cgtacnacgn nnacgtngcg      120
ctgcancang nggacactgg aaactcttac ctttgcnggt acttnaanat taaangcctt      180
actgangagt atctcaccoc tntacaactc ttctttgaan ganaacntaa tcatcntana      240
acacnctncc ttaactcnaa agtcgnatgc anatcaacat nntnatecna aacaccnngg      300
gcanentttc tngctccttt atcanccncc nnaatcattt aacntcacna tcnacattcg      360
ncnatcatnn cagcnagaca nantgnanac ctacatctnt anntanntgc antngnnan      420
tcncttgnn tccctancn cacctntcca naagataten ttngnngcnt tntnnccncc      480
ccactatact nacatccncc ntntcagca antttantnt cnaccctccc nctnanganc      540
nnnctancn anccttntcc caacnantnt aacaanctn accannccan gntctntnnc      600
tctntccctc acantacana aatntctcaa nanctcccn acnctnctc anctnnntng      660
tacaatccac tcaatctcng ngcnccccac cnantcttta nctgggnaac ctttntctac      720
atactanccg aanacaatnn tcgcgntnnt tctcnnanac acatctctcc ncanctnncn      780
tnatacnaact atcatentcn atnnncactt anngaccaa nntacactng anacnactac      840
tcgccanttt cantanctnn tantatcgct ngtcactng catctctanc atnnntnnac      900
aaaancnct cncnccctan aactntcact ntcactanc tctananact ntctcnactn      960
accntctta taccacaann nccnancn ntgcntcct catantntnt ntatncttc      1020
nntactactn natntananc tactactcca ctcnnacat ngcttntcat atnecatctc      1080
tcactcttct cnnctnctn                                     1098

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<210> 3646
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

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<400> 3646
ntaannngtg ngnggtcggn ctanccnaac nanataggct ggggcgatga tgtaaagtct      60
gaaatataca gctttggaat cgctctctgg gaaatcgcca ctggagatat cccgtttcaa      120
ggctgtaatt ctgagaagat ccgcaagctg gtggctgtga agcggcagca ggagccactg      180
gggtgaagact gcccttcaga gctgcgggag atcattgatg agtgccgggc ccatgatccc      240
tctgtgcggc cctctgtgga tgaaatctta aagaaactct ccaccttttc taagtagtgt      300
atcaaaatct aaaccaagga gtctctggac aagaagctgg gagaggcaca aactggacat      360
ctctctctct catatccttc ggcattgggt tatctatggg agcaaggagt gggcacgctt      420
ctctgttaca aatagaaaac gattccagtc atacaggaca catccactcc aaangatatt      480

```

tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatttgca	gctcctccct	tccataaatg	aaagtctctt	600
tccccacca	tnntgaaatc	tnggctggca	ctgcgacttn	gantcgnttc	aatacnaatn	660
gtnggangaa	ngtgactggt	tnncntttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgccnngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgacctgggc	tggaaaaantg	780
acc						783

<210> 3647

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3647

ctaatanann	tgggacctcg	nnatnnccna	aananaatag	gctggggcga	attcggcacg	60
agagtgtgat	ctgcagggag	agaaccaatt	acagtatgct	tggagagggg	gacatttatt	120
ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcatatttta	aagacttgag	cttacatcat	cgcattcttg	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aatgaaata	attttcaaat	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaaag	480
cctgcctg	gtcctnctc	ccctgtgctn	gcaactgctc	agatccgcct	gcatttatnt	540
ttancgttcc	tttgctcttn	tgtgcccatt	tgcattctgc	ngctgtgaen	aagtnnggtt	600
ggccctttta	tgcnnaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnttnc	720
tggcggttcc	tngtnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccancntn	780
cccccaangc	cnncttngaa	cncctnnenn	gccnttanca	anc		823

<210> 3648

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3648

nnctaacngn	tnnttaaagg	agntcgann	ngcctaacac	aaataggctn	gggggaattc	60
ggcacgagtg	agtacttatg	aaaaattgtg	agaaattcat	tgtgtgggat	tttcaccatt	120
actacatgta	tttggaataa	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccacg	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttgga	atcctgactc	tgccacttac	360
tagctgggta	ttcttgga	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttta	gatttaatat	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggtta	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaaccaat	tttaaaangt	720

gaaattcaan gtgttcccta ttaaaacccc tattcctgaa tgtanataat ccattattnn 780
nct 783

<210> 3649
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 3649
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aggcttctctg ctctttgtat tttggctaaa ggcggtgaag tgagaggcgg agggggattt 120
aaaaccagca gaaaaaggct tcttggtggg ctgatggtgt ttgtgcgaga agctgangtg 180
ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240
tggeccctgcc tgtecccgagt cccaccactg tggactccag gccatcctca gtccagggtg 300
tcaactgtggc ctggggccaca tgctggcgat gacgggggatg gccttccaca tgccctgttct 360
ctggaagagg ggctcgcggt gtgcccact ggaggacgtcc tgcccccaac cccccaaaac 420
gctgctttct tctgcccctna agaggccccct cagaagagag gaggctngnn tgaggggcnt 480
tgagataaac cccgaaaggc cggnttctctg gcttcgtgtt ttaaaactca gtgctgcttg 540
cnaagtgtct tgntctattgc attnataatg accaacancg nttggttgac cacnttgatg 600
gnccganggg gtgcccangca cttgttccca agggccncac ttcgtgttgg ttntttggtc 660
cgnttaattc ctntctgaca aacctattta caccggtttc ntenttcnnc tntcnagcna 720
anccccaatt ntgcaacccc ggnggaaaac tnaangncn caccggattc accaaaaatg 780
ccnacnaacc ttgntatttc caancccntn ancctctcct gnncccc 827

<210> 3650
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3650
ntacnnatan tntcgnngnn actcgnnctn tccnaacnca ncnnggctgn ggccaattcg 60
gcacgaggtg gcccaggggg cccacaataa ataacacagt cactcctatt ggtacagcaa 120
tgccaagatt tagaagttat ttcataaggag ctgggacaaa ggtcaaacct ctctttgggc 180
aagaccgtat tctttattgc atagctttga aaagagattt tgtattaccc aaacatttat 240
tttaaaaagg cccccccata tatccatcac tcgaactgta catttctaaa tgtacattga 300
cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggtcct 360
ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420
acaaaggtgt gggcaaagtt aagggaaca acaagtaaga gatggtgtag catcttagac 480
ctagcaacag cagaaaataa ttgccactcc taactctgaa gagataagga gaggggaatac 540
ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600
cttcaggaga ggaatactac ccccaagcta tggcccagca gggaaagagc ataggtaata 660
cattctctga ctcccacttt ctgatttcct ctagtagctc cctttggcca aattcaactg 720
attattagag agtaggaatt ccagttgctg cagtccatag aggttagtct ccnat 776

<210> 3651
<211> 776

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3651
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acgagatggt ttgggaaata gcttgtgaga ggtaagaagg attgcaaagt ttttccaaaa 120
tattttatga agttagtga gtcagttgaa atgtgtattt aaacatttga agggatacag 180
ttaacatttt tttaatgaga ggaaaccatt gtctgtagtt cagaaataag atggagtgtt 240
ttacttattt aaggggtaatt ttaaaaagta aacaaaagca ttggcctaca agagaaagggt 300
gatgttggat tataagtgtt ttttctaate gttaatatta atcaacagggt gagtatattt 360
tcctgtttcca agcagttatt aatttacatt ttctcaaatt ataagtagct tcctgcttct 420
ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
atgaaatggt taattttttg gtactaagat aatgagacca tccagaattt tatgatcaaa 540
acatggcttt taccagggga gtatctgtag ttgagccact ggctctataa cattgttagt 600
tctttgtatt tcccaatgg aggttttacc tcatggccat aaaaataaaa gaggggtgaa 660
tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaaat tacttaatgt 720
tcctcttctt tgaattacat atttttccat tgtaataaaa ttctgtttt gaaann 776

<210> 3652
<211> 846
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(846)
<223> n = A,T,C or G

<400> 3652
naactaatna ccangaccnc nanntngcct aaanaaaagg ctnggggggat tcggcacgag 60
ggggcttatt tcateccctac agtctcgacc atagaagaca gctacacca agggggccat 120
tttagaggcc caccctcagg ggcacattct ctttctcagg gatgttcctt gctgagaaaa 180
agaattcggc gatatttctc ccattttgctt ttgaaagaag agaaatatgg ctctgttccg 240
cctggctcac cggcggtcag agtttaagggt tatctctctt attccctgaa cattgctgtt 300
atcctgttct tttttcaagg tgcctagatt tcatattgtt taaacacaca tgctctacaa 360
tttctgcact taacacaatt atcacagggt cctgaggcga catacgtcct cctcggctta 420
cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
gaagtataaa gtgtccatga aatcttcaca atttatgntt agagattgca ntaaagacag 540
gntaagaaa ttataaaagt attaaatttg gggaactaat aaaatgtccn tgaaatctta 600
aaaaanacta ntcacactcc ncccncaact nannccccac nctccnntnc cntcnncn 660
accctnnnac tcnctcctct cncntnnac cccttcccc nnntentccc tncctctcnt 720
cnnctnctct ctcctnctct catnccccct actccttctn nncctttcat ntentcanen 780
anntcnctct cnnntttcnt ncnctctacc ntnnccatnn cnatnntcn ntntncttc 840
tctcct 846

<210> 3653
<211> 782
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 3653
 acctattant ntgatgtcga nntnncctaa ananatagggc tggggcgaat tcggcacgag 60
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 gtcctagcta ctgaggaggc tgaggtggga ggatcacttg agctcaagaa ttcaaggctg 180
 cagtgcgcta tgatggcact actgcacttt agcctgggtg acagagttag accctatctc 240
 acaataaagt aaaataagaa ttaacacact cataataact atttagttaa taggaaactc 300
 tgtttaagcg atattgctta tttttctctc tcatgttttt gtaggtctgg actcactctc 360
 tcaattatcc acagagtata ttgttagtgt tttgtttaag ctacctttta cactcaatta 420
 aaactatttta ctggaagtag gctaaggtna tggggtgaga atagagatgg tattatatca 480
 tgaaatctac ggaagagttt gtagtcntag ttccctgcc cccacagagc ttattactct 540
 tgaagaagct ttgacnaatt ctacatgact tattccccct actttaacaa gacctgctat 600
 actaaaacta taccncagtt tttccaagag aatantgctt cttaaattata ttanctctgg 660
 ntcccatata nntnmanca ttntccctt tctcttattc naaagttagn ttntnattan 720
 gactcttntg ancatatnnn nttannntnc gnncncccg n atantcnggt tccctntggg 780
 ct 782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (781)
 <223> n = A,T,C or G

<400> 3654
 gtacctatcg tntcgtgcat gtcgnantng cctaactana attggttngg gcggaagagc 60
 tgaagagtag gaggtggcag gactaactaa aagtgggaca gtcacttggt atagtgaagg 120
 tagaatggac agaattgggc aactaattaa gagggagaa cctctaggag aacaggagaa 180
 cgcattccaaa cctggaaaac caggaagaga agatccttgg tgagaagcag tcaatgagtt 240
 tgctttggga tatgttgagt tcccaaactc atcatgagggt gaggttcca ggtagcaaat 300
 gaatcacttg agaccaggag ttgaggagca gcctggacaa catagcaaga ccccatctct 360
 acaaaaaaaaa aagattttta attagccagg tgtggtggtg tgtgcctgta gcccaagcta 420
 cttaggaggc tgaggcagga agatcacttg aaccagaaa tttgaggctg caggtgagct 480
 atgatcacac catagcactc cagcctggat aacagggtaa aaccctgtct cttaaaacan 540
 acaaacaaac aaaaaaccac caaaatcctt atgtatctgg tactatagtt gtctttctca 600
 ttttacattt gacactgaga gacagagagg ttgangagtt tgggcangac acacagctna 660
 tacatggtag agtcaagcct tgagttcang tctnctggcc ccttatttcc accccgaact 720
 ttcaccatta tcatattgtc nggnangctt ggagactctt gaatcccttt aactcacc 780
 t 781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1017)
 <223> n = A,T,C or G

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttngggg	nattgngtaa	60
tanantggca	gntaccaaa	atggntgtct	nnagttntcta	aatgacatgt	tgatcgngt	120
catgatata	gcaaataantc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
anteetctta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
nettingtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcnna	atgatnaatc	360
tcaacnacn	ccaanannaa	gttnnecgnac	cgtgnnagtn	gtncancnta	anttganegn	420
cacttgcctt	tnctntcccc	aggcanacga	atattntctc	ctttttaagc	centccangg	480
cncaacggct	cctncnntcc	ncanategca	aagnttaann	annntctct	nccctcttca	540
attantcact	accttcaaac	tcnctcancn	cattncegnc	cctcctctc	ngctcactc	600
cgtcacccnn	tcttctnca	agtnccct	ntaancenn	acnntttccc	nnnaaccct	660
ccnngnttcc	tnnactcact	gnnctccatt	ntctccct	nccctncaa	annnatnctc	720
cctcnntant	tcccantctc	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncatto	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnn	taancntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttncntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnct	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (908)

<223> n = A,T,C or G

<400> 3656

ntaangnntg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtagacc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgtgtga	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgttaggatg	gctgccataa	ctccagggna	tacaccaatc	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaagggtntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgccata	cttanagcaa	tactgacaa	360
aggggaatag	cacaaaaaca	cctctggctt	atcntagatc	aacctcgatt	nattntctg	420
ggtttnggg	tggggccttc	tnacctgng	aagcaaagaa	cctcttgcca	gcttgctccac	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttntaan	ttcaccntn	600
gaactatecn	gcancanatn	annnctnttn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntccccncc	720
gtctcactc	ntctccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctncn	780
cttnccnnnt	nntccctcat	nanctcactc	ntcactntnc	tctccnccc	nncantaccn	840
tctctnnnn	gtctctctct	ctnnntccct	ctctctcanc	atatcttct	tnncatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (848)

<223> n = A,T,C or G

<400> 3657

aatcncngta	cngngcgan	tngcctaaan	anaaggttgg	ggggccctct	gcttctctggc	60
tgaccttggg	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aacttttcaa	angctggcat	gaatnaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cncctgttag	tccangggga	cnageccntt	nccatgcnc	cncctantgt	caaaccnntc	600
atnggcantc	tgctncattt	cgtacnnnng	tnggccccct	naatgaaata	tcgaaancaat	660
ttnttaaacc	cncncnggcc	ttattggnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannntntnn	ctcgcccttg	nntgcaatc	tccctngcn	ggacntctaa	tgnntcaaaa	780
actcnanccg	nnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTTTTca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatTTTTccc	cctaattcta	tgtcccagtt	ttggtttagtg	tgctctggga	TTTTTgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTTggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgctacttgt	aactgactgg	gatacgttct	gagaaatata	360
ttctcaggta	atTTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaacccaggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaaag	gtacacccaa	ataatcttat	gggaccactg	600
tgtatgtggg	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTTTTT	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	ncnntnnnnn	nnnnnnnnnn	nennnnnnnn	nnncc	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnncc	aannagnnng	gntngggcga	60
attcggcacg	agataaaggc	ctagttttttg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaagggagaa	attgtatgct	gcagatagag	180

ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gacttttaca	tggaaagaag	catcttcaat	gttggctgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaat	tggctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcattttatc	ttcttaactt	aatcaaccta	540
aatttagcct	gaatattatt	tgtagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcctc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	ttntttttaa	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	tcganntngc	ctaaananc	aggncngggc	gaattcggca	60
cgagcactac	atgaagtccg	gggttttggt	aaaatatctg	tcttatttat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcatcaatag	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tatttccagt	atcatgatta	aaatggagcc	ccgaaatgtc	attataaggc	ctagtgtgtg	300
actggggggc	cagatggcca	agtgggagca	actctgaaac	cattaaatag	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccaccaaacc	attcatttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtattttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttccac	tagccaccca	gtttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	ttttttttatt	780
attcaaatgg	nn					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaattctgn	acnaatnggn	tnngctactc	gtnttttccg	naanancnag	gcgggtgcga	60
ttcggcacga	ggtgggctct	cccttaaaga	cacatggcca	cagacacctc	cttcgcatat	120
gtaatatgcc	ttcccttgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcaccccttc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctggggg	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaatata	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	agggagactg	catttaacaa	taattgattg	tatatttgaa	aacagctaga	360
agaataagaa	tattcccaac	acaaagaaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tccattacac	attcgatata	ggtatcaaaa	tatcataggc	acctcaaaga	480

catgtacaac	tcttaattta	acatttttga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagtg	ttaggtgaag	aactccgctg	cttcagaaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgntttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	tttgtaagc	gtgtaaaagt	ccaaattaa	agtcttgaa	779

<210> 3662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

aatnctnaac	ttattatctg	acgtcnannt	ngcctaaana	gaatnggtn	ggggaattcg	60
gcagctccct	caaagaaagg	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagtctt	gagcagggtt	ctgggtatag	ccccttggtg	gaaattcaag	gccaatcaa	180
tgccatagat	gagttatata	ttccaaat	acactactta	tgtaggtgta	gtaacctcca	240
aatcaataaa	ttaataataa	attggcccag	gactggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaa	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctggtagctg	ccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtn	agatactnnn	nttgatcgtg	agacgccnat	agtcacacct	660
cttggaangna	aaactanaca	ttcttcnatin	ctttnaantt	ccccccccc	tcnggccctt	720
gtcttcccan	attcacctaa	cttccccttg	gttgccccc	acttaattcn	acngcccntt	780
nttttttcac	tcacaaacngg	gncct				805

<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

tnnctaacca	atnantcnag	gcanctcgnn	ctntccnaaa	taaanaggnt	ntggcgaaatt	60
cggcacgaga	aatgctgaat	attggttaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtcctcct	aatgggatcc	cagaatgcc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaagg	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggtcactc	tgagcagggc	tggttccctg	gctgggttga	300
gcacagcatg	gggaactgaa	aggcagacac	tgccaagaa	agtccttggtg	cagggttca	360
gaagtgaagc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatttggg	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaacttcc	aggaaaaaca	agccaatttc	540
taaggaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttgagagcg	aacaaccctt	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
ctgactctgt	aggagagaga	ataaagccat	gtccaacttg	cctacagtcc	tcn	773

<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3664

taatgctnngg	ctctcgttct	ttntgcagga	tcctcgcatt	cgaattcggc	acgagtatag	60
atccagattc	tattcaaagt	gccttattag	catcaggtct	tggatcaaaa	cgacctagtt	120
nttcactctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcngaan	acctgcencc	tnatacntn	300
natganctta	nngannaacn	ngngngnnct	nctaacgtgg	ntgagatgac	tgggccgctgg	360
gacgggtgtg	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tgactnnan	420
gngcctgtgg	aanntcnoga	ngttacncgt	gctcagggat	attatngatg	gcgnttacnn	480
tantgctggn	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcancnca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnct	gncggagcta	acggaanac	ngngtanent	tgctgctang	720
ccacttnana	ggattgtggg	cactttcaca	tgngnnntna	acgcttggca	aacttcn	777

<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665

gtacttattt	ntaatgntgg	toganttggc	ctaaananaa	taggttnggg	ggaattcggc	60
acgaggggtg	ccagcatata	actgctttgg	agcaaactct	ttctgttttag	agagatagaa	120
gttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataccag	240
tgctttttct	tgttgaactt	cttggaagaa	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacctttt	tcaaaaagatt	tgtgtatgca	ttgcctaatt	360
agagttaggg	gagaagggca	actattatta	tcctattttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agtttagtgg	gcagccaggg	agaggactca	480
gatttccttg	aggcaaagtc	tatctctgaa	actccatgaa	gacttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccccttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggaactt	tntatggcnt	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaaga	antgganttt	ncntttgtcc	tttaaggggt	ttntaangnn	cattgggtttt	780
taaatcncgn	nacnnggcc	caaaanttnn	nttct			815

<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3666

ttcaaatecn	agctcttgtt	cttttgcgga	tcctctgatt	cggaaggcta	caagtgacaa	60
ggaaaattct	gttccgaata	tggccacaga	aacaaaggat	gaacaaatat	ctgggacagt	120
gtcttctcag	aaacaaccag	ccttgaaggc	tacaagtgac	aagaaagatt	ctgttttcgaa	180
tatacccaca	gaaataaagg	atggacaaca	atctggaaca	gtgtcttctc	agaaacaact	240
ggcctggaag	gctacaagtg	tcaagaaaga	ttctgtttcg	aatatagcca	cagagataaa	300
ggatggacaa	atacgtggga	cagtgtcttc	tcagagacaa	ccagccttga	aggctacagg	360
tgatgagaaa	gattctgttt	cgaatatagc	cagagaaata	aaggatggag	aaaaatctgg	420
gacagtgtct	cctcagaaac	aatcggccca	gaaggttata	tttaaaaaga	aagtttctct	480
tttgaatatt	gccacaagaa	taacggggcg	ttggaaatct	ggaacagagt	atcctgagaa	540
tctgcccacc	ttgaaggcta	caattgaaaa	taaaaattct	gttctgaata	cagccaccaa	600
aatgaaagat	gtacaaacat	tcacaccagc	agaacaagac	ttagaaatgg	catcagangg	660
agagcaaaag	angcttgaag	aatatgaaaa	taccagccac	aggtgaaaaa	ccaaattcat	720
tctaggggatg	accttgatga	cataattcag	tcatttcaac	agtcttcaga	ngat	774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3667

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accctgaaaa	agctggggct	aaacagncaa	ggccgntcat	ccccttgnet	gacnccgnat	660
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<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3668

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caccatacag	attaaaccct	cacatgatca	tgtaagctat	gcagttaccc	aagctgcac	300
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tagtctaaat	accgttaang	tagggccact	agctgtgttc	acattatccc	ttggccacct	420
taccaggggac	tnnaataaact	tgggaaagt	aaaacaacaa	gctnaccac	atgttcacca	480
tnnaaanacan	ttangtcttg	aaaaacatgg	actctttttt	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agcccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatgancc	atccaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
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<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3669

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attccctgtg	agtttataat	tattttataa	taaaagttca	aaaacactta	ttggatggac	240
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tcaaaactgac	acacaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tggaataata	ttatataaaa	ttatctaaca	gtcacatgat	ttgaccctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattggt	gaaaatgttt	ccaaattgat	480
gataatgtca	gctcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggctcatc	atagtcaaac	tgcttaaaat	caaaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagt	720
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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3670

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cgactgccc	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtccc	ggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcggtgat	ggactggctc	360

accaaccagc	cgcgggccgc	gcagctgggtg	gacaaggaca	gcaccttctt	cagcacgctg	420
gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggaccacag	agttttgtctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
aagccggccg	tctttgacct	gctcctggct	gttggcattg	ctgcctacct	cggcatggcc	600
tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	acccccaaca	agcccggngag	ccccccggcc	720
ggtttcaaca	agtcctcttg	ggggcccgan	gcaccgaatt	gaaattggga	caacttggcc	780
ccgnccgcgg	ggcnngnccc	ttgcaanggg	acca			814

<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3671

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ccattttttc	tagtggggaa	caaggcagat	ctctctccag	agagagaggt	acaggcagtt	180
gaaggaaaga	agctggcaga	gtcctggggg	gcgacattta	tggagtcac	tgctcgagag	240
aatcagctga	ctcaaggcat	cttcaccaa	gtcatccagg	agattgccc	tgtggagaat	300
tcctatgggc	aagagcgtcg	ctgccatctc	atgtgagccc	ttgggtgtgg	ggtaactgcc	360
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ggtatggttg	ccagctgtgt	tcctggcccc	tggacacaca	gtgtggcatc	ctcatgtttg	480
cacactttcc	ccaggctcca	gtggcctgga	tgtcaatgtt	tacaaagggg	caaggacctc	540
tcattggacac	tggcctctac	cctctgtttt	tgtttgatga	attctgttat	aacctatggg	600
gtcaggatat	gagtcctggg	cattatttat	ccaggaccca	tcctcttggg	tgggttttgg	660
gtgttggtcg	ggtaaagggg	agccgggggac	ttctgaaata	anctggcttc	ctggggtgac	720
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<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3672

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tggatgatata	atggtgaagt	ttttgttgaa	actaaattat	gaagtctgat	atatttggat	180
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aacatttggt	caatatgttc	gtgacatgtc	tctcagtaat	gaaaagttat	gcattttatt	360
gaatgaataa	aaacctaacc	tctgctattt	ccattttctgg	aagttgtaag	agctcacatt	420
aaagacagta	aaagtcaatt	taagccaaga	tcatttttcag	cccaccaatg	tcatggctat	480
tggaaaggaa	aacctaatgt	gatcattgaa	ctatcataac	aagtggaac	tagaactttt	540
ttatagcatt	ttcatgatata	aggtcctgtt	atagtaagat	atttcattct	atttatcaaa	600
atggtgtaaa	taaaagaaac	acaattattt	tggtaatgct	tatcttcagt	ttaaacattt	660

attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga 720
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt 769

<210> 3673
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 3673
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gcagtgagct atgattgcac cactgcaatc cagcctggac aacacagtga gaccctgcct 180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct 240
agctcctcca agttacagat agttccacgc acacacagaa ctcaccactc tcaaatatatt 300
tccccactag tattactatt aaattttttca aacatgcaaa agatgaaaga attgctcagt 360
gaacaccatg taccaccac ctagattcta caattaacat tttaccctac tttctttatc 420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt 480
ttatatatatt caagttaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc 540
ctggctatta ttaactggag tgcaatatgt ttttgggtct tctttatggg aaaatctatg 600
ttcagtgaat tgcacaagac ttaggtatgc cattaatagg ttttggacga atagacaaac 660
cttgngtctg aaactggaan taaaaaaaaa caaacactaa aaaaaaaaaa aaaaaaaact 720
tcgagcctnt anaactattn gngagtcgta ttaccgtaga tcccagacat gataaggatc 780
cattg 785

<210> 3674
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 3674
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ttagatactt ttggttaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc 180
cctgctgaac acatcagttc taagggatgg cagcctgtgc ttgagaccaa cctgacgggt 240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc 300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa 360
gagcaggtgt ttacaacctc accaaatctt tagctttgga atgggcctgc agtgggaatac 420
ggatcaattg tgntgccctt ggagtnattn attcccagac tgctgtggat naactatggg 480
tcctggggac aaacttcttn naagggnctt ttcacaaaat cnccgattaa cgaattgggtg 540
ttcctgagga ggtntcctct gaggtctgnt tcctactgtc tactgcnctt tcttnattct 600
ggacagtcag ngcntgtnga tgggggcnng anctctatac ccaactcgat gaggttccaa 660
atcttgacnc tgcnccaang ttccagggga ccntnttgnc ggtgaaaana natgnaagng 720
gacttttnaa gngnaanagc taancttcna acctctgna ant 763

<210> 3675
<211> 772

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

<400> 3675

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ccgtgtactt	ctcctgggag	gaatggggtc	tccttgatga	ggctcagaaa	cacctgtact	180
tcgatgtgat	gctggagAAC	tttgacttta	cgctctccct	gggttggttg	tgtggagtgg	240
aacatgagga	aacaccttct	gaacagagaa	tttctggaga	aagagtgccA	cagttcagga	300
cttccaaaga	aggttcatct	tcccagaatg	ccgactcctg	tgaaatatgt	tgcttgggtc	360
tgagagatat	tttgactttg	gctgaacacc	aaggaacaaa	ctgcggggcag	atgtcaaaat	420
acctgtacaa	ttttaaaatg	tcacaattaa	acatgagctg	gtttcccaca	caaaanaaag	480
actgaagatn	tgcattttta	ggatgacaac	ataatggana	aaattngaaa	tagcatannn	540
aaaanctngg	cccnttaaca	natgnggntt	gnnttgcccg	aaatcccgnn	nnggttanac	600
cccttgagata	ntttgggcaa	cncnccnntt	gtntgcnntn	nanaaaaaag	ccntttnttt	660
tggaanaatt	tgggaanent	ttgggtttta	ttttggaccc	ccttttaanc	nccannaaaa	720
nanntttaan	ccccnattg	gnttnntttt	ngntttnnag	gttanggggg	ng	772

<210> 3676
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (775)
<223> n = A,T,C or G

<400> 3676

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ccttcagcan	acaggntggc	gacaaggngc	cngggatgan	nangagcacc	actaactccc	180
tnaggtgcta	nacacacata	atgggaagcc	aacatttatg	gaagaagttc	tagaacacct	240
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tagaagaaa	aaanncagag	tcaattnana	tntggnaaac	tnnaaagcag	cncaannngg	360
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cangaggatt	ancaannngca	ancagaggaa	cantgatgag	actcaganat	nggcattgtt	480
aagctaggaa	gaaacagaan	agnntagaan	tgtcaatgaa	atngncttcc	ccattnaaan	540
acgaaganga	gaaagngana	naacatgaca	aagancgccA	gngccagttt	angttnaaan	600
tactactnga	aagttnntacc	cagcnacatg	aaagaacagg	aagaattttt	gaggcttgaa	660
aaggagataa	agggaaaagg	cagaaaaggc	ataaaaaagg	aaaaagctgc	tgatgaaact	720
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<210> 3677
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3677

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tggtgtcatt	agtgtgatc	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagtg	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgtata	tgggcaaaat	300
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gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acgggtggctc	atgectgtaa	tcccagcact	480
ttgggaggct	gaggcgggcg	aatcacctga	ggtcaggagt	togagatcag	cctggccaac	540
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tgtaatccca	gctactcggg	angctgancg	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
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<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3678

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ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttctca	actactgcct	cagctctaca	atcccagagt	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggtagagg	tggcaggaat	taaactttgt	aaagccatgt	ccctgggttc	360
agtgactttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaagggtgat	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttta	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatatt	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttncag	720
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<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 3679

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gagagaactg	gatggagctt	cccaggtgat	gacaggggtg	aactccaggg	ctatacccg	180

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ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc 240
ttgtggctag aagctcagga gactgggaag gaaaagtga tttctgagga gtccctagttc 300
atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag 360
acgctgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca 420
tgagagttag aggggtggtg ggagagtcac taatcaaata gcacaaacac atgtaaaatt 480
accataaagc ggggtgataca gaaaggcgac ttggtgttagg atagctaaaa aagagggatt 540
tcacctggct aggtgggtca gggaaagctt cttagagaaa gagggacttt gggcttgatg 600
aatgaaaagg gaatttccag gcaaagaaga aaaggaggga ngcttctagg cagaaggaac 660
ttcctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc 720
agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt 780
ncntggnt 788

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<210> 3680

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3680

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catatactcc cagattcaga actttaaata accccatgct accttctagg gaaagcttct 300
gctatgtgtt tggagggtna ggtgaganaa agngaatnn taatctncca acatgctcac 360
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taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggg atgggtgggga 480
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acatgtntgg gcaagngtga attgcctctg ctntctctgga gagatgggccc ctgtggctgc 600
tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntggaatc 660
tatgcatntn gtgttccctg gcttcaaagt tngtaacnna tgtggtnaga gccaaaaaccc 720
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<210> 3681

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3681

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gtccatttgt gtatcttctt tagagaaata tctgcttacg tcctttgccc agttttaatt 240
ggattgtctt tctgttgctg agttgtcgga attggttgta catcctccat actgagtcct 300
catcagatac ctgatttgcg aatattttct tccataccat gagttatctt ttcactttct 360
taatgggtatc ctttaaagcc ccaaagtttt taattttgat aaagtcctaat ttatctaaaa 420
aaaaaaaaant aaacnnana naaatnnaaa anaaaaaaan ctngnncctt taaancntna 480

```

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gngngtcggt tncgtaaadc cnnncntgat aanatccatg gntnanttng nacaaaccac 540
aattnganng cagggaaaaa anngctttnt tngngaaatt ngnnanctnt tnncttaatt 600
tganccattt ataagctgcn antaancang ttaccancnc caattgcttt catttaangt 660
tnaaggttca aggggnaggt tnnngangtt ttnaantncg gggccgaggg cncnaaatgc 720
attgggcccc gncccaantt tngnccentt nannngnggn taaattgccg 770

```

```

<210> 3682
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (775)
<223> n = A,T,C or G

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<400> 3682
ccnngntttc naaatnccag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
cacgagaggt gttgaaatta cagaaggagc catttctggc aacacagcag accagatatc 120
ctataaaaagt cttccattac agaacaccta cacatcagga gctcaaaaac agatatattc 180
tttaaagtgc tagccaacat tttggaaaag tgtgggaaat cctcagggc caaaaccaga 240
gggagttgga caccagagtgc ataagcagac actgaaggca aggccaacct cagggtctgg 300
ctcaatatcc tagaacttta ccttctgtct caagtctccg tgtggacagg ggatgagggg 360
tacctgggtt ctgctccttt gactatggca tagactctgt agatgtctgt aattgaccgg 420
gaggtatgta gatgactgta tcaagttatc ctctgaccg ggcgcagtgg ttcatgcctg 480
taatcccagc actttgggag gtcaagacaa ggaaggaggt gagctgacag atgtgctgga 540
agagcacaaag gaaccaccca gtcaggcatg atctcgagga gggcgcttgt ttgggggtta 600
ctcagtgaga cctgggaagg anagaaggga ccttttctgc angacggtgg cctggagaag 660
aagctctttt tccactgaaa caggaggaat ggcggggaag gatgaatgga tatgtgtatt 720
aattatctat tgctgcatga caaatacgga tcaactcaagt ccaggagttt gagat 775

```

```

<210> 3683
<211> 774
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (774)
<223> n = A,T,C or G

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<400> 3683
ttccaaatac catttnangc cttnttgcag gctcccatcg attcgaattc ggcacgagggc 60
catggttgcc aggttggtct tgaacttntg acctcanttg atctgctctg ttcggcctcc 120
cagagtgcct ggattacagg tgtaaaactac tgctcctgnc ctgnaatcca ttttatnatg 180
ggaagcacan ttacntagct aatacttggg ggcangagct naagtnanna ttgcatcnnc 240
antaatnntt agaatgaata tanattgaag tcttggggta tcccgcatg attatgtcag 300
atgaaattat gtgatatgca naaggaaggc ctctgcaact tcatgnctnc agctnantnc 360
tacananggn caagggncna tgannaatnn ggangagggn tnccttgantn gaatanatna 420
tntntcactc agnttaaagc ctgtaatccc ancacttttg gaaggccgag gcaggaggat 480
cacctgaggt caggagtttg agaccagctt ggccaacatg gcgaaaccat ctctactaaa 540
agtncaaaaa ttatctgggt gtggtggttg gcacctgtaa tcacagctac tcaagtactg 600
angcagaaga atcanttgaa cccaggangc anangttgca ntgaaccgga gatcacacca 660
ctgnactcca ncctgggtga ccaagaatga aactcccgct tcaaaaaaaa nannnnnaaa 720
aaacttcgaa ccttttagaa ctntnnttga gtctnttttc cntnnaaccn nanc 774

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<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3684

atccnagnta	ctcgtctctt	ttgcaggatc	ccatcgattc	gaattcggca	cgaggggaagc	60
tccaggcctg	gcggtgctga	gtcacgagat	gagctgtcca	ggctncatgg	catcgtgagt	120
gaactccgac	cgtggcaggt	gaggcttctg	cacttagctg	gctgtcttca	tgtggggccga	180
ttctgtgggt	agtgattctg	atttctcatc	tgaaaagtgg	tgcatacact	agccccctccc	240
acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctagggtgtg	tcctgatttt	gaggttccgt	360
ttgggtcatta	tgctctttca	gagttcatct	tttaaaatca	gtctgtggac	atTTTTTTTT	420
tcctcttagc	acagtttatg	gtctcatgca	ggccaacaaa	ttgggactct	gaatgtgagt	480
gtgtgtgtcc	acacaccact	agggcttatt	accttattgt	caatgttatc	ttaagaaaaa	540
gtggaggctg	gggtgcagtg	ctcatgcctg	taatcccagc	actctcagag	gctgagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

<400> 3685

gctgggctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gaggtttaat	60
ctctttaact	atcaaattgc	aatttttttt	ttgccttgca	aataaacaaa	ttacaattgt	120
catttactgg	tgagacaatg	agaaaaagac	accctcaaac	actgttggtg	gaacacaaat	180
tgttaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatatttat	240
gtctcctggt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaaacct	300
ttacatatata	acatgattta	ttatactgaa	aagtcaaaac	aacataaata	ttaaaaatag	360
gaggtggnan	atttcacctt	taaatgctat	gtaggagaat	acttaaggga	ttggtnaagn	420
ccaatagtgt	tngtattang	tggaaaatgc	cngaattggc	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cncntegetc	ttcnatgcat	nccccattat	540
tacaaactgt	tcnncnnnac	tcnncnttca	ccangnctcc	ngcnntnncn	annncgancn	600
tctnctctcn	cancnncncc	cegtcncctc	nttctcnnca	acctngetcn	ccccncacnc	660
ccnactcccc	ccnctttact	ttnncccacc	natecncgnc	acnncntnnc	ttcnnnecatn	720
ntnccccnnc	ctactcncn	nttagcncctc	cncnttccca	cacttnnctc	nnntctgnnc	780
cntccnttcn	tctcnccttac	tacataaccn	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	ccnncnncnn	ctcttctctc	cttannctct	cactancct		889

<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 3686
gaccaattat atgacantta ccagcgaacn anaaggctgg gcgaaaaanat caaaccatcc 60
tttgctggca ttaaataattc aagttgaaga tccttcacct tcctttaatc ctatattaga 120
gtctataggt gtgtctttct tatagcaatc ctgcactcac ataaaaactg tatttttcaat 180
ataagatcaa aatgtatttc acaaaaaatg catctttata tttgtttaca tttctcctga 240
ctgaatggtg ccatgtacag tctgtgtaag ttatagaaaa cgtttgccaa ctcgtagtct 300
accattttgt tatttgtttt ctatttgttt cgtctgttct ttactgcttt gttttccctt 360
tcctgccttc ttctggatta attgagtatt ttggtaatcc tttttaatct cctcttttgg 420
attttttagc tatacttacc tgtttttggt tttgtttttt aaggcgttgg taggaaataa 480
tgtatgcac cttaccttat taaagtctat tttgaaatac tgttacactg cttcatgtaa 540
cttacaatat gaacctcaca acagtatagt tcattttccc atcccagtat attttacttc 600
tttgttataa accccatctc tactaaaaat acaaaaaatta actgggtgcc agtgggtgcgc 660
atgcctgtag tcccactacn ttgggangct gangcaggag aattgcttga accctgngag 720
gennangttg cagtgaagtcn agacgcncca ctgcactcca ccc 763

<210> 3687
<211> 829
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

<400> 3687
gcntattant gtgncttatt antgtggcct aaananatag gctggggcga attcggnacg 60
agcttaacat aacctatgag agtggacagg tgtatgtaaa tgacttacct gtaaatagtg 120
gtgtaacccg aataagctgt cagactttga tagtgaagaa tgaaaatctt gaaaatttgg 180
aggaaaaaga atattttgga attgtcagtg taaggatttt agttcatgag tggcctatga 240
catctgggtc cagtttgcaa ctaattgtca ttcaagaaga ggtagtagag attgatggaa 300
aacaagttca gcaaaaggat gtcactgaaa ttgatattnt agttaagaac cgggggagtag 360
tcagacattc aaactatacc ctcccttttg aagaaagcat gctctactct atttctcgag 420
acagtgacat tttatttacc cttectaacc tctccaaaaa ananagtgtt agttcactgc 480
aaaccactan ccannatctt atcacgaatg tggaaaccac tgtngatgaa gatgttntac 540
ctggcaagtt accngaaacc tcctctcaga gcananccgc catcttcata taangenang 600
tgntaattgg atgggaanaa gctncaanaa gatcctgngt tnnngnctgg agcaaccnnt 660
ttacccccgc atttcctttc tanttnttag aacntccatc ggttggnttn ggcaattncc 720
ncggaanncn gcntnttgcg gncanctnan cccntnttta aaangttgtn nttctncccc 780
canttttntc tgnaaatccc tacanggcta attccttcaa ngcttcnct 829

<210> 3688
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 3688

tnctaagtct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatata	180
cttcaaaaat	gaaggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	catttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	actttggagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tactccagc	ctgggcgaca	gagtgaagcc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gttttgacaa	accactgga	atgcagtga	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(986)

<223> n = A,T,C or G

<400> 3689

acttatnttg	ggncctaantg	gngngccaaa	aaaaaggntg	gggagcatgg	cttagntgg	60
atcntgagan	taatnatgag	atctacnctg	aaatgactta	acctanaatt	aatgtgtgg	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgntaaccn	ctgaantatn	tctganaaac	240
cctaggtnc	gtggcatatg	ngatgaatnc	canngacnna	tnnaaccnca	tnttacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttnng	agcanctntc	ttngntagac	cttntnaccn	ncnanggnntn	ctcttaacnn	420
gntgatnntt	nactcatcnt	tcnctttctt	tcctattctn	nnnntccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnnccnc	caccctnatn	attntanata	nncgnattg	540
aaatntaata	canntcccnc	tnncctcnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnnent	tnctnaccnc	nnaaagattc	aaanttcgct	ncccttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcancn	ttctantnnt	nacntancaa	aactcnctat	720
agnaccctca	catncctcng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcnactcct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	cctcanatc	taaacanntt	ntngcnctcn	nnntagnggag	antgtctctn	900
tacgnctnan	aanggcttct	cngatctcn	naatactcnt	atagagacta	tacnctcatn	960
attgctcaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgagg	60
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agcttgtggg nnagacnanc aanggtgcat gangaanaaa acnnaattca ntaagccngn 120
naggnacagc ccatagtctn ctcgattngt acaatcaagg cggacatttn ctggntatgt 180
ggannagagg ttaattggcn gncatgant ggnnnagcct aaanttgn gn ntacntgnat 240
nnnntnatnt gcnnanaaan gcatnngant tanagntncc aaaagntntg aaccnaagga 300
ctanagnaac anacnnntna tngcctggtn ntcagtnata ncnacaccnc acaggggacn 360
ngatnttncc cngnanttnt nacaggtctc nnnanctggg actcaagnen ncccatcatg 420
caatnnettc anannaactt gtgacttgca nttnnnatact anancttnan tcccttntta 480
cattcetcaa atgcncaaact ccncttttct taattccnat tatnnactnn nttnnnnngc 540
ttattggnc actnntanca tncnggnann nccaactaan cnnattntn gannttgata 600
ttggngcctt aacnaacana ncgtntntat cgctnngtca ccantctcac tcattnatca 660
annacnnnng cnnnantnat tctcnatcna nncnnanttt gctanantnn nctttcccn 720
cttnnanttn ctannaaacc cctntcnnn ggcnccaatn gnaantngn accnnnnn 780
tctnnanggg ntnactnggc cncatacctc ctgngcaanc tntnaanngg canactnctn 840
ntcncct 847

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<210> 3691

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3691

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ctaattngctg ggctctngnn ctttngcaa natccancg attcgtgca aaatggactg 60
tgattcagga cctcctcctt acctacgagc accctgggag ggactgacta atggcccagg 120
gacacacagt catcctctgc aggcaacagt caggcttcta cttgctgaag ccgtcaaggg 180
cttgactgtc aactcagtg ttctggaaaa caaatcagta aagcaattta gaggatcttt 240
tgcaaatcag agaaaaagaa tcaatacaag gcgaaagaat tctgatcagc actttaaaac 300
gtgcttatca gaaacttttc ttctctcttt taagctttgg ttctaactga gaaatgcact 360
ggataatagg taacctctcc cagaagaaca tggacttcat catttcacca gattcacttg 420
ttccctttta ggcccagcca ataaaagtat atgggtatctt caagctctga tttcctaata 480
tcagagataa aaagccatgg gaacgcagag acttggtgaa tttgtaaaaa tccaaaaaga 540
aaggccagtc atgacggctc acgctgtaa tcccggcact ttgggagggc aaggcagaag 600
gatcacttga gccaggaat tttgagacca gcttgagcaa catggtgaaa ccccatcttt 660
taccaaaaag ataaattatc tggacatggg ggtgcnagcc tgtantncca gcaacttggg 720
aagggtgngt agggaggatca cttgagcctg ggangtggaa ggtcccgggt agccc 775

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<210> 3692

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3692

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agnnntteta atcnnntttc aaatcgctng gctactngtt ctttttgcag gatcccatcg 60
attcgaattc ggacagagg ccaaactagg gctgctctg acatccgcaa tgtacgtcca 120
ctagcagtg gcaagacct ccgcgagaca ggtgttgttt ttaatgcca tctcacagat 180
gaggaaaaga tctcaaagta ccttgattat ttacccaaag ttcccgacct aggcctttaa 240
aactttttat gcatgcaccg cctcttgacc acatcagaca atcaccacaa aacgatgggc 300

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tgacagttac	tagaggggta	gtaacttata	tttaaaagg	ccaggtagta	aatatttttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaaanna	nacnanttga	nnnttcttnn	tttttnatnc	natnatcccc	tentgtnatn	540
natcctttna	tgtagcttgt	gacaagnncn	ntncttnaaa	ncatcnnnat	aaaaannncn	600
nctnntttnt	tnaaaaacct	tnnatcctct	tncanttntt	tggngganat	nttttnancng	660
tntaaaaanna	nttttttcaa	aaannnat	tnaanaanta	taagtcceng	tttttttngn	720
tttcgggnnn	nggggtttta	annngggncn	tnngtcccaa	nnctttgggn	nccnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttggaaggc	cnnatcgat	tcgaattcgg	cacgagattt	60
tcattccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgcccac	ctccactac	tcagctcact	catacttctt	gccatctttc	atcttcccaa	180
taagtatatc	attatggnta	cattagtatc	agggtttaca	ttattatgac	catgtaaatg	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgcttatntg	ctaagctttc	tgtatactta	360
tcattgncta	tgnntntgat	ctccaaattn	tctncagggt	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtagacac	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggatcnaact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnnnttgtea	gaccccttnc	tttcaactnc	600
ttggntctgca	ctnaaatng	gtggagcaca	tgcaatanta	ngntcctgag	gtatggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaaaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaaatgtac	ctggnacctg	gtt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 3694

caaatcncta	ggctactcgt	tcttttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
catagagacc	atcatggcat	gtccccctg	tgaaggcctc	tacttttttg	agtttgtgag	120
ctgcagtgcg	tttgtggtga	ctggcgtctt	gctgattatg	ttcagtctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agatttggtc	aacactggac	tcagcgcttt	240
ccttttcttt	attgcttcaa	tcgtactggc	tgctttaaac	catagagccc	ggagcagaaa	300
ttgctgcccc	tgatatttgg	cttcttggcg	actgcggcat	atgcagtga	cacattcctg	360
gcagtgcaga	aatggagagt	caancgctcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

gcctaaccat	ggccccact	tctgtcattc	acacaagttt	taagtgggtc	ttgccaccan	660
aaatcctctt	ttgctanggt	actccggaat	tgcttccctg	nggctttnat	cttaaatact	720
taaccatggg	annaagactt	tcaagaagan	tcaatcttta	attccttccc	tcaattggct	780
aaaatttttc	ttaaaaaaa					799

<210> 3695
<211> 876
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

<400> 3695						
gnnnnnnnnn	tttnnaactt	nctaattncng	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tcggcttttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaaggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtataa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnna	aaaaaaagcc	tnntagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
tggaaatgcc	nttgaaaaaa	aatgcttttn	ttttnt			876

<210> 3696
<211> 876
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

<400> 3696						
gnnnnnnnnn	tttnnaactt	nctaattncng	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tcggcttttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaaggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtataa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnna	aaaaaaagcc	tnntagaact	tttaggggag	tccgtatttc	780

cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
 tggaaatgcc nttgaaaaaa aatgcttttn ttttnt 876

<210> 3697
 <211> 1151
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1151)
 <223> n = A,T,C or G

<400> 3697
 ttctaaatac taggctatng ttctttntgc aggatccntc nattcgcgcc gcaagctgct 60
 gaatgccttg ggactagctg gtgattacct cgcccagggc ctgaactcac cctggccagg 120
 tccanacctt tctgctgtgg ggagcaaggg ccctggctgt ctactggctg ctggctctgc 180
 tnctcggtt ggtcttggcc ttgctgggcn gatcctgtgg ggctgaanct tgtcatttta 240
 cttggccgnt ttcttggccc tgatgaagtn ngtgcccga aaccttttta ncccgggccc 300
 tggttaattc tggncctttg gttgaatcct cttaananca ctgcttatan cccngnttta 360
 aannggnttt nccaaaacct ctttnggggg tnnaaaaatt ttataggcca aaatgnntnn 420
 caaanggctt ttnnaaacnc ccnctttggt aanggaaacn tttagnctt nngnccccnt 480
 aaangnccaa antcggnncc anaaaggggg ggcccnccca aaaanttggn aatgnaaagn 540
 aaanttaaaa ccccgatntn gcncccaaaa aaaaaccggn ccaatnngtt tcattaaccc 600
 nnaaaaaaaaa acntttaaaa cctgngnttt tntnngnggc cccaattttc taaaaaccct 660
 tntcctttgc ccaaaaaacnc cccccttggg gnccttntt ttnnaatttt ggnccccctt 720
 ggggncttnt ttttngaaaa aacctttttt aaagnaaaaa caaatttttg gaatnnctn 780
 ttttgcccn gnnanaaant ccccccaan antttttagg ncccccaagg naagggnaaa 840
 aaaccnctc cgggaaaaaa gggnaacccc caanttttnc cccccccctn tgggcctttg 900
 gggtancccn tttttgccgg ggggnncccc ttggggnnnn ttttttntt aaangggggt 960
 ttccttcttt gggncctcn ggggggggtt tttnggggct nttntntntt ttaaaaacc 1020
 cccctttttn atnntntggg ngtttctnnc aaaaacctt ggggccctt aaaccaagg 1080
 gggaaaaagg ttttttgaaa aagggggggc cttatcnctt tttngggctt tntttgggna 1140
 aaanatgggc g 1151

<210> 3698
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3698
 atacagctct tgttcttttt gcggatccct cgattcgtgg aacaggagag tcgcatggag 60
 gtactgtttg cctgtgctga ggccctgcat gcgcatggct atagcagtga ggctcccgt 120
 ctactgttg agcttgccca ggatctgcta gccaacccac ccgacctcaa ggtagagccc 180
 gccctgcca agggcaagaa gaacaaggta tccacgagcc cgtcagacct ggtgggtac 240
 caacaccctg agcaaggcgg ccttctgtt gacagtgcta antgagcgtt cagagcacca 300
 caacctggcc ttccgagttg gcatgtttgc ctggagctn canangcctt canctntac 360
 aaggnccttg aagtgaaact tgcattccan gaatctgaag tggctgncct gctcaaagaa 420
 gatccctctg ggtccaaatg agatgagtac catgccgtgc cgggcanang aacttcggga 480
 ggggacactt ctgtgactat cggctgtgtt gnctctcatg ctggccagtt catctttgac 540
 gtctctgtgc tccaagtatg atgcctgacc ctacagtaag tggggaactg gggtanggg 600

agctttctnt	taanaaagan	cnaagacccc	aagttttctga	atcaccttta	ggaccatcag	660
caacttcatg	ggttnccggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttggg	tttnaacaca	nnttgcttgc	cttgggcatg	aaaa		764

<210> 3699
<211> 867
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(867)
<223> n = A,T,C or G

<400> 3699						
ttcctaatagc	tnggctactc	gntctttntg	caggatccnt	cgattcgaat	tcggcacgag	60
aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tatagggagg	aaaggatgag	120
atgcatttca	gaaacaaaa	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttangg	240
gctctattgc	ctgctaattt	catcactgnt	atttttctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttggt	360
cnnaaaccaa	caagggtggg	gcccnagttt	ncnagaatgn	ngttncccna	cnttggnaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttggccc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggg	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactggt	gccaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	ccccccantn	660
agggaaaaaa	ttcccagant	gaatgggggt	accnggtctt	gacctttang	gaacatgtan	720
gcttgncttg	cccnatgttc	ccncaacatt	nggtcccctt	ttacaatgnc	cttantacat	780
taatngngng	gccccctcatt	ttnaaatttt	aaaaaatttc	attttanctt	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(935)
<223> n = A,T,C or G

<400> 3700						
tnentatnct	ttgaantcct	ttttgcggt	ccctcgatcc	gcttttttta	gtgatcaact	60
ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcatc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggtta	atatgatatg	agggttaagt	tttaatatat	caaagtgaac	attcttagtt	300
gccttttagt	tcanaggctt	gtaagacttc	ctcatgaccn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcacctt	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgnatc	anccggaanc	cctggncatt	ttgggatatt	tttggaagg	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggttaaagg	tttaaacctt	660
tttttttaag	gggtnaaaaa	angggatttn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttggga	aaatccnaag	780
ccttttttnc	caaatttttc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

ggtaaaaaag gtttnnaagt ttcccaaatt ccatttttgg nggccttaat ggggtttttt 900
 taaaaatttt tccttnaaaa gccnnccct ttgggt 935

<210> 3701
 <211> 977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 3701
 atnccancta cttgntcttt ntgcaggatc ccatcgatgc gaattcggca cgaggtttta 60
 agtattctca tccgtcaact gggatttgga atagtagagg gctgttagga tgattgcatg 120
 agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtccct 180
 gactcatctt cctctctgnt gcccttttaa caggtagagca cctagccttg ttggttttat 240
 gtgctcaaca gcagttggac ttcccttggg ctctctacc catgctactg cgtagtcaan 300
 cctcccataa anctnctctc tggntctctg ttcccanatg gnetttggcc ttctcttttt 360
 ccttcccanc ttaacgtttt taacctatgcc ccngggaatn ttttttgaaa angggaaact 420
 gganccttng gtnccccngg ctttaaaaaa ccnccaata aatttnttac ccncattagn 480
 agggnnntaaa aaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga 540
 actttttcct ggcccttcaa acttttccaa cctctttccc ccggtncatt ggggatccct 600
 attaccgggg aggaacatta cccaaaaatt ncctttaaaa tttcttncc aaaacattgg 660
 aanccttttt tcccgggctt tctttttcaa taatggtanc aatggttccc aaaaggccaa 720
 atttnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn 780
 gggccccagt ttttttncca attcaaggga aggttttttg ggcttggttaa aagggnntacc 840
 ccaacaantt ggccaaggga aaaaaaaaag aagcccacct tgggggcctt naaacctggg 900
 gtngggggaa naaacccctg gggggtncct cttnggggtt tncctggggg nccttnccca 960
 accttaagnc cccacna 977

<210> 3702
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 3702
 naatcccagc tacttggttct ttttgcagga tccctcgttc ggaccctcat gccccgcttc 60
 tgetccagcc tttcttactc attaggtctt agtctcactt cttatttttt aaattgtgag 120
 taattttcat gcttggtagt tgatttcttt tccatctctg natgcatact tcctgcacct 180
 agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt 240
 acttgccctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt 300
 aagtttacct agaaagtgtg taaagnggga actaatcnnt tntgantggg nataccnccc 360
 nngntttgaa aactaccttt gancnttttt ttccttttta atnaagctct taaaaccggg 420
 taancagccc cccngggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc 480
 ccnggaaaaa aaacngnncc aagggtcttg ggaaaaaat gccnctaagg gattgttttc 540
 cagccnttcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt 600
 ntggtaaang gggnttttta tgaggccaaa ttaaatnggg ncctttagna ancccnnttt 660
 aggaccaatt ttaaatnggt ttgnaaaagg cccagccttn ggtnaacctg ggnccctttt 720
 ggctttngct tttttngggg ccattcnttn atacctgggc naaaatttaa ggnaaattta 780

```

cctccagggt tnaaaaaaat nggnncnctt tnttggnaaa aaagtttccc ttgggnggggt 840
tttaaaggga aaaanaanaa aangnnaaaa aaaaacttcg agnccttttt naaacctttt 900
ngtggagggt cggattttacc gttagantcc cc 932

```

```

<210> 3703
<211> 789
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (789)
<223> n = A,T,C or G

```

```

<400> 3703
cnaatngcta ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgagc 60
actcttttat attagggact tgagcatctg gagagtgtgg tatctgaggg agttcctgga 120
actaatgtgc agatgccaaag ggacaactgt actattgtac ttggaagtac tcatgggggtc 180
atattgcatt gtttctttga gtccctaattc tgccaacatg gcctgggtgct tgcattaatc 240
agctttctaa tctctgagta acaaggcaca gtaacaagga gcagtaacaa ggcacagggc 300
tggcacctga gagtggagggt acccaggagg cagacaccat aaggcgggaa atggacatat 360
gtacagaatc atggctgcat gtccctgaanc ctggcttaag ccatacaacgg ctgctgggca 420
agggccaaag cctgtttatc cctttcgccc ttncctgatgg ctctgtctct gccttcactg 480
ggtgtgggca agccnnaccc acccnaggct nnagcccttt acccacagtg ttannaaatg 540
caancttcaa taggattgtg cttnaggccc ttncctcaaa anccnggatt ttgacagggg 600
gcnatgannt cannnncng cttttaatgg attggcctat cggtttttaa aataatgacc 660
aatnggggcn ttnggcctgg ccnanaancn ntnancatc nattttcctg ccaatttttg 720
ggtcnaaatn ccngcngntt ttncnctngn nnnngttnaa tgaactgnaa naaaatnnnt 780
ttgnttgng 789

```

```

<210> 3704
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (805)
<223> n = A,T,C or G

```

```

<400> 3704
ttcnaatgct tggtactcgt ntctttctgc aggnatccca tcgattcgtt caaatctgcc 60
actcccagag cccgtggaac tctggcccaa ggctctctga ctgactcctt cttggcttag 120
cggctgaaga ctgacactgc ccgatcgcnt nagaaacacc gtaaaccatc acggangccg 180
agctntactt anctttcana gtggaggaan gcnggaatgt nangectctn aacccaagcc 240
aagccatcac attccctgng acttgnacgt atgcacgtnt gcncctaaat ggcctgaant 300
tactgaataa tnacananga ngtgaaaagg ccctgtcccg ccttaactga tgacntttcc 360
accattggga tttgttctcg cccacacctta acngagngan ttaccctgtg aatttncttc 420
tctgggtca naanctcccc cactgatcag cttgggancc cegtntnn caccatanaa 480
caaacccctt ttgactgaaa ttttccatt accttccan atcctataaa angggcccca 540
nccttatntc ccttcgtgta ctcttttcng ncttnnggcc catctgnccc tggcgaaata 600
aacanccatg tagttcacat aanaanatcn tttaaaaaac cttnganccc ttttnnaant 660
atantggagg ccnttttan gggaaattcc cgnantttgg ataangatac catntgtann 720
antntggggc caanaccnc aaactntgaa atgnccattt gaanaaaaaa aangccttnt 780
anttttgggn cnnaaaattg ngngg 805

```


<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 3705
 naaatccctg gctactcgnt ctttttgcag gatcccttcg nttegaattc ggcaacgagcc 60
 agcctggcca acatggcaaa acactgtgta cactacaaat agaaaaattg gccgggcatc 120
 atgggtgtgtg cccgtagtcc cacctactca ggaggctgat gcaggagaat cgcttgagcc 180
 tggagggcgg aggttgcagt gagacgatac cgtccactgc acttcancct gggcaacagc 240
 aagactnctg cttcaaaaaa aaaaatttta aaaagatttt tcttatggng gggtttcaaaa 300
 aatggttgtg ttggcaacgc tnggtgccaa tgggttacct ctgnntaatc ccnccacttt 360
 ttaaaagncc caaacgggt ggggatcacc ctctanggtc nggaaatttt gtnnnacctt 420
 tggggtnnan aattnnngng nccccccat ttttttcntt ataaaangna ccccncaaaa 480
 aaattctatt tccnccgaat ttgggtgggc accgttgccc ttggtaaatt cccaancttt 540
 ctttggggga angctttaag gcccaggnaa aaaattggnc ntnaaanctt ctgggggctt 600
 caaagccgaa ncanttncca accttcaacc ttccatatnn anttggggac tacnaggng 660
 ccncccnanc nttttnctgg ctaanattta ctgantttca ngtagagnan ccncttttnn 720
 ttatttttnc ccaaannct gctnnnaaat tcntnnctnt tatgnancn accaatatct 780
 nntnccena aaattctngn naccnttnt ctnagaaacc tnatngccnc nantannnc 840
 tngggttcan nntttcccn tccntttc 868

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 3706
 cctagttna atngctnggc tactngttct ttttgcagga tccctcgatt cgaattcggc 60
 acgaggtgaa gccaccttg tgaacagtat agtaatgtct atacttggtc aatagtttag 120
 aggaggtagg agggaagaaa ttgcaaaagg taatattact agtgtgttca tacttgagca 180
 ttttcagaca ccatttttct atatgttttg tgcattttgt tttgctctgt atatagtata 240
 tataatggac aaatagtcct aatttttcaa catctagtct ctatagttta aagaggttgc 300
 cagtgtatga caaaggagta aaattagcct attttgtaca ctttgnggtt gaattcctng 360
 gaaaacctgg cttctgnnaa aaaccttttn cttaggaatn tgtttngcca tctcttaacn 420
 ttacaccttg ccctgtntct ntccactgga ttgaaaggcc cnataaagga aggggagggg 480
 agggaaattg atttcaaagg ccccaaatgg gccacatttt aggaagaat accctcacna 540
 tggaataanc ccatttggtt aatgtngtgg tgccaaattt ttatttaaac aagtgcctgg 600
 ngtaatgggt ggtggggacc aaagtttatt ntggaaaata tcctnagtnc tttcttagaa 660
 tanttttggg aaaatgcctt ggatggtatt ttaaaaagt gtaagtagaa atanaccct 720
 tttggaaaat aagccttttt aaaaaacct attgggnaaa ttcctngttt tggaaanttg 780
 gaaattgggt ggaaccancc tgggaagggt ggaaggggaa gaaaatgcca atgggggttt 840
 tggccattgg ttnta 855

<210> 3707
 <211> 778

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (778)
<223> n = A,T,C or G

<400> 3707
gnnnnnttnna aannncengg nttcnngnng cccttgtttg nccnananaa acncnntgna 60
ancncgggct cgcttctect ctccattgc gatttgcctt ctttatccag ncttnnggaa 120
tgctgatttn aaatgtnnnt ggcacaaggc aggcgtgaaa acataaagtt aataaaaatc 180
gaatgcataa gctagagcag attatccaca gattcttcca tctccatata gattatcacc 240
attgcctgca cctgttttcc ttctccagcc tatctgatgg aatgggtgctt ccatgacatg 300
tggtatttgg aaggctctta gctctgatgt aatcaggggt tgacccatag tcacctgaaa 360
tagnncttct ggnnctcttt ggtctatgaa ctgaaggggt tcagaagccc gtgttatgca 420
aatacccttc catcccttcc cctctccctt tgcctctatc catgttccct cagcctcagg 480
gtgcttgacg gctaagagga ttgggnctct ggcatcctgg agctgaacag ctcgngtcag 540
gaattcccca ggcccttgag nctctggggg gagttgnagg ggtgtgtagg gngctgggga 600
ttaaganctg ctgagtaggg gcttaccaga ggtatactga aggacctgaa gacagatcat 660
cttcacataa tcagcatgac cataatctgg gatggcaactg agcttctttn antcnggagn 720
caaggaatgn gcncaagnaa ngcaaantaa tnccttttaa gcccgaggat naggggaan 778

<210> 3708
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (788)
<223> n = A,T,C or G

<400> 3708
tttnnaannnc cnnntttcaa atngcnagge tactngttct ttttgcagga tcccatcgat 60
tcgagtgatt aagtctcact aggaatagge ttttctaaat tgntttatct catcctcatt 120
agaacttcac cacatgtggg aaatcatgtg gcaaaactgt ctctcttaaa aaaaaagtca 180
ccaaggaaac ctcccttctgc aattttaagaa ataaaatccc agtgacattg atttggaatgc 240
tccaaacatg tccataatgg aagagctttt ccagggtttg gtttgggccc ccagaccaa 300
agctttgaca cataatacaa gctctgtaag tctgttttcc tgtctgtaat ttgggattgt 360
catctttgta ggggtgcatg gagattaagt tattcactgt agacaatgcc cttttcatgt 420
aatagattct gtcagtatta gatcttttcc tttctcttca agtttcaaac atagattagg 480
caaaatttta atggctattt cacaaaatca gcttgattct tgtttatgac atcaagtgtt 540
gtttttccag gttgtctgtt aaagggtac tttttttt ctaaaagtgc ttttanaaat 600
tccagtgtta gtatgtatgc atcatttaag ctaagaatga agatntaaag atcacccaac 660
agtttaaagc tggattcttt tancagggtca aaggagaatt gngntttgnc tagctgnctt 720
anccgtgtcg gacttcttgg actcaagtga tcccacctgn ccttaanctc ccaaagtgcc 780
nggaggtt 788

<210> 3709
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3709

gnnncngcett	nagttccnca	ngcgnactct	ttgnacganc	ttatgaacag	atatggaggc	60
cagagctcat	ttgggtaaac	ttactcctgc	tgagtttagca	ttttggtgag	agaagctccc	120
ctgagctcac	ctgtctctct	gactgccttg	gagtaggtgg	cataaccttg	tgacacagaga	180
actagaaaag	gggcagaacc	ccggccttgc	agttgtggca	ggtttccact	gtggttaagct	240
aggttcattc	ctcatcaagg	aatgtgtagc	agattgttca	ctgtggagga	gttaattata	300
gaatgggtta	ttgtgttat	tcttactcat	gaagttacag	atttttagcca	gtctttgctt	360
ttatactttt	gtgaaattta	atttctctct	atagcacctt	cttttttcgt	tttcagttat	420
caaaagtgc	tttgacctca	taaaagagtt	gagaacatct	ctcgtgtcac	atactgcagg	480
tgcatcagtt	acttttgcac	agattctagg	gggacatttt	tctgaatagg	aagacaggac	540
aaagttaaca	gcttaagggc	tcttaattct	gtgagttgag	gacttaaaaa	gtattgnagc	600
atttggttgg	atccatgaaa	aaatgtattc	agtgggcttt	taaaatttcc	atttgcagaa	660
tttggnctct	cangctgttt	ggggagctct	tttttttacc	attttttctc	ctttgcacct	720
attnatggn	ggttaaagta	aanggttact				750

<210> 3710
 <211> 895
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (895)
 <223> n = A,T,C or G

<400> 3710

aanagcnnnt	cnaatngcta	ggttntcgct	ctttttgagg	atccctcgat	togaattcgg	60
cacgagatta	ttataagact	aacattctga	taagccatgg	tataattaac	attattaaaa	120
tgtttacata	taatccttct	taaagtatac	tcttttaaaa	atccattggc	ataaccttac	180
tttttagttta	gtgatccaga	atttccccag	agcttaagcc	actgcagtaa	attaggtacc	240
gtaggatatt	cagtcgctac	tagccacaag	gagtcctctt	attttaatgt	acctccctca	300
gtactttatt	cctgcagagc	gcctcagagt	gggggagaga	aatgagcaat	cctgggctcan	360
ntggattatt	tcagcatttt	attttctaaa	atctgtagt	tgatcccgaa	aatattttaa	420
attaaaaaaaa	atactttttac	cagaagagag	gcctacctaa	tcaatgngct	ttagagaaac	480
naaactaccc	tttaccattc	aatttaacaa	ccnanaaaaa	ggtttaccgg	aaatttttaac	540
aaaacatttt	ttcttttatct	gaattntggg	gaggaaaata	cttaatgctg	acaccgttta	600
ataaatttag	gaaaaaggat	ccattcccag	gaatctttat	gggaaaaaat	tggggggtttt	660
naaatttcca	agccagggtt	ggctctttgg	aagaacatng	ggtaantcct	cnttaaattg	720
taaacttntc	taaaagggan	naggggtagg	aattnggaaa	aagggaatct	ttgggnattn	780
ttaccntta	aattaatggg	tcccaggaat	nggggtttca	agggattntt	ncanaaatta	840
aaaattnggg	tttttgggtt	gggaaaaaaa	tggaaatacc	cttttttngg	ggggg	895

<210> 3711
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3711

naatngctag	gttanacgc	tnggetctng	ttctttttgc	agggatccca	tcgattcggt	60
cgtgactcct	gtacaaggga	aaataggctt	ggagaagatt	ggtgtcaaaa	ttaatgagaa	120
gagtggaaaa	atacctgtaa	atgatgtgga	acagaccaat	gtgccatatg	tctatgctgt	180
tggtgatatt	ttggaggata	agccagagct	cactcctgtc	gccatacagt	caggcaagct	240
gctagctcag	agactttttg	gggcctcttt	agaaaagata	tatcatactt	tgttctggcc	300
tcttgaatgg	acagtagctg	gcagagagaa	caacacttgt	tacgcaaaga	taatctgcaa	360
taaattcgac	catgatcggg	tgataggatt	tcatattcct	nggaccaaac	gccggtgang	420
ttaccaagg	atttgcagct	gcaatgaaat	gtgggctcac	aaaacagcta	cttgatgaca	480
ccattggaat	tcacccca	tgtggggagg	tgttcacgac	tttggaaatc	acaaagtctg	540
caggactaga	catcactcag	aaaggctgct	gaggctagcc	tgctgctggt	taagttctnc	600
ttgncatatt	ctcatttctc	tcaaagataa	gaatgctctc	ggatnaaatg	agcctgtgct	660
catgacanct	gctctggtac	ttanggacca	ntgcaaggct	tncttaccac	acttagatga	720
gaaagttnnc	aanggaaaaa	ggncaccaat	ngggcatttt	gcctt		765

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3712

agnnctttct	tacgcctnnt	gaacttnttg	naantccntt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggaaagg	acccatgatg	taaggatgtc	ttttttgggg	ggtgcttggt	120
gctccttaac	tggtcttgga	aagagcctac	ttcccatagt	gaaccctgtg	aggtccaatt	180
ctgttctctc	ccttggagct	ccaagagaag	gtcattgcct	tgtagcagca	ggtgcccccc	240
caagctgggt	tctcactgca	ggtgccagcg	ggctctcagt	aggtatgacc	tggatgtgag	300
tggtgaacca	ggattgaggc	actcagcacc	ttcgaccaca	cttcactctc	ccctgggggt	360
caagtcaggc	tatggaaaag	tgtcaccctg	tttgncatat	aactggatgg	gtngtaaaca	420
gaacgcctct	ggcaaaggtn	gaccttgaag	gcaaaaactga	gttgagggtt	gttaggacgg	480
aaataattac	tgctgggcat	gcaacacttc	ccaaccgttc	ttgtgangca	agcantgtta	540
ttgncagttt	ggcacaangg	cacangtgta	nnaacaacgt	aagtgccttg	gggcccgtgc	600
ttacaccacc	cactgnggtt	tgaacttana	atgtgaaccc	aaggcccttt	ttgaattccc	660
aaantccctc	aatcccttca	atcctaataa	agcnttgcct	gccgggttan	ccaaaaaagg	720
gggacctccn	ggnaatntng	ctcttggcac	ntttntttaa	anctggatnt	attaatgggg	780
aaaaccanan	ntanaantnt	ttggtnt				807

<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(909)

<223> n = A,T,C or G

<400> 3713

ttgcnaatcg	ctaggctctc	gttctttttg	caggatccct	cgattcgttt	tttactatgt	60
accataatgt	cccattcatg	agaacctagc	aagtagtttt	tctcattagc	gaatgctaga	120
atthttattht	ttttcacata	gtgaaaagg	gaaattgggtc	tgtcttctctc	tttacttttag	180
ctgctagtaa	ggttgaaaca	acgatgggtg	ccaaatttaa	cagttagggtg	acatcttctt	240
ctacgtgtgc	taagattacc	cagacttcac	tttaccctta	tttccactg	actttgatcc	300

cttttacttg	nttttattct	gnaagtatgt	atttttgnca	tctttcagna	ctctttggna	360
tcnnaataaa	attaaattcc	cctagncttt	aaanangata	atngggtnnc	ttggnttaaa	420
nattaaaaat	naaaagtnat	ttngggcttt	natataataa	ttaagccant	aagnnatttt	480
tnggcnaaan	tccttttctt	gccanaaggg	ggcccagAAC	gggnttaaat	attttttaag	540
ggtggtttnc	caagggccaa	ggtggaatcc	tcttgggttg	gcaaacttaa	ccttcaagcc	600
ttcttggccg	gttccgttaa	antggangga	aaaaggccag	gccccttnng	gacccaatgg	660
gccattttaa	ggcccaaaa	ggggggttng	ttggaacttg	gggggttttc	ccaanttaaa	720
aaaccttttt	aattttttnc	naaaaaancc	aatggggctt	accatttttg	acttttttng	780
tgggttngtaa	ttttggcctt	acccccccaa	aaanaanaaa	anannnnnct	tcctatattn	840
actnnnanac	tttcantnan	caaaaaaaaa	cntgggccct	tttanaactt	tngngggnc	900
tntnctan						909

<210> 3714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3714

aaatnnnagc	tacttgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgaggagcc	60
atggcagaaa	atcagtgatg	tcattgagga	ctctgtagtt	gaagattata	attcagtgga	120
taaaactacc	acagtttctg	tgagccagca	gccagtctcg	gctccagtgc	ccatcgctgc	180
ccatgcttct	gttgctgggc	acctctctac	atccaccacc	gttagtagca	gcggggcaca	240
gaacagcgac	agtaaaaaga	agactcttgt	cacactaatt	gccaacaaca	atgctggcaa	300
tcctttgggtc	cagcaagggtg	gacagccact	catcctgacc	cagaatccag	ccccaggtct	360
gggcacaatg	gttactcaac	cagtattgag	gcctgttcag	gtcatgcaga	atgccaatca	420
tgtgactagt	tcccctgtgg	cctcacaacc	aataatttatc	actacgcagg	gatttcctgt	480
aaggaatgtc	cggcctgtac	aaaatgcaat	gaatcagggt	gggattgtgc	tgaacgtaca	540
gcaaggccaa	acgggttagac	caattacact	agttncagcc	ccangtacc	agtttggttaa	600
acccgacagt	tggagttnca	caagtgttct	tccagatgac	ccctgtgang	ccaggcttca	660
caatgcctgt	gangggccacc	accaaacacc	tnnaccaccg	tcattcccgg	cactnttacc	720
attcgnaagc	aaccgtccca	aagtcccagt	ct			752

<210> 3715

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 3715

tttcaaatcg	ctnggctact	cggttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtctcgagt	ttgttggttt	ttgtaatccg	ttttagagtg	aattaaactc	agacatccct	120
ggattgtatg	ctgtctgtag	aatgttgatt	ttcaggcacg	gggatgtagc	tgtagaatgt	180
ggcttgggtca	ttcttcctga	taagaaattg	atctcctgaa	tggattggcc	atttggtaat	240
ttcttagtga	aaggctgact	cttgaatatg	gctgggtataa	tataaattct	taccaacata	300
aaagtaaggg	cttatttggg	gcttgggtaa	aactgtcatg	ccttgganga	tatatagctt	360
ataaaattgg	cttaacctng	nattttatga	cctanctnnc	ccctgntgcc	aaentttnac	420
ttgccaaaa	ncctgggatt	cntgtttnc	aagggnngac	cttattattt	gtggaagaaa	480

aatttggatt	nnccaaggtt	aacctatttt	tcaanggctt	cttggctttt	tgnaattttt	540
cttcaatttc	accatggcen	tcctttttat	tcctnttttt	tncccttccc	caaanggggt	600
tcnnggggaa	tttancctgg	tttcccggga	aagnaaanga	angggatttn	ttccaccant	660
taaggccanc	cccaaatttt	tttacccccac	ctttccaaaa	accccanggg	aagccttacc	720
ttacctgggn	gggtnaaaaa	ttangggggt	taaccacccc	ccaanatttg	ggaaaaatcc	780
tttttggcca	aaaaagggtt	ccnggggttc	taattttcaa	cgggaaacca	gngnacttnt	840
ttagccnaaa	aaaggaaagg	aatccgtttc	cccattattt	gggaaccgcc	ccccatttta	900
aaatttnccc	agnnggtttc	ctttaaatgg	gaacctttgc	caaaagggaa	atatttggcc	960

<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

ttnaaaanccc	nnttnnnaat	cnncagctac	ttgttctttt	tgcagggatc	ccatcgattc	60
gcaaagcttg	atctattaat	atattgatca	gagttccatg	atccttttct	aaaatgggtg	120
ctttattttg	ccagaataat	tctgcagggt	gttttttttg	ggacggagtc	tcactctgtt	180
gcccaggata	gaatgcagag	tggcacaatc	ttggctcact	gcagctcttg	cctcccagtt	240
tcaggagaat	tgtgtgaacc	tgggaaggcg	aggttgcatg	gagccgagat	caatcaccac	300
tgcacttcac	ctgagcaaca	gggcaagact	tcactcttaa	aaaatttttt	ttggatttat	360
atttactgan	aaggtctgtt	actaaaagggt	ttaanatttg	gntgggtttn	accgctaaat	420
gtttgtanag	tctgaatctn	tggcctnggn	aaagaataat	tacangcntt	caccaagttg	480
tgaaaacctc	tgggttngga	tgaaaagaaa	ctttcaagct	nagaggaana	atgttctgaa	540
atatttgggg	aagtttggca	gactcctttc	tcaaggggta	tgttcatttg	ggccngtgat	600
tctggaaccc	cctttgcaga	tatcttaagt	gtgtcatgaa	agttttaccaa	gaacattgtg	660
agtanttgca	attaccaaag	ggaaccaatg	ttcatatcac	tttccattat	ccggtctcaa	720
gnattcttnc	ngagatnctt	tacctgtgtg	aaagtgaatc	ncttctctct		769

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

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gcatgtctca	ggaagccatg	cttgtcacag	aggaatcact	ccgaggctaa	aggaacatct	120
gggcaatcct	acttgtgtac	tcattggatt	cattcagtga	ccttgttatt	atccttctag	180
ctaaaatgctc	tgggtcttaa	ttcacgactc	caagggtgct	cttgatttta	aggaacattt	240
tggcagaata	gagagaagtt	gagcaaatat	taacagatgt	ccaaaggggc	agtgtgattt	300
attatgtcaa	gagaatcagt	tttatgtcga	gggaagaatt	ttggtagaaa	tcactgtatt	360
ttttggaaaa	tatcatattt	gggttttttc	attgnataag	taatacatgg	atacatgctt	420
atataaagaa	aaattcataa	tatagaaaca	taaggaggaa	aaatgagtca	tttttctccc	480
atagttcact	cctttccccc	ccctttcagt	aaccagtgtc	acacgggtgt	gtctttccag	540
acgttaaaag	cagtcataca	tatctctaaa	gggaaagttt	gcgtttgctt	gntntttctt	600
cctgnattaa	taggatttgg	gtatatatat	acncaccccg	taatataatt	tggatctgga	660

tatntaggag catatctctg ggggtgcgctt tttaaaattt tatggccaaa tcctacagct 720
tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 3718
ttcnaatngc ttgctctcgt tcttttttgca ggatccctcg attcgaattc ggcacgagcc 60
cgaaagtgc ttagagagt actcccagga cgaaagtgc gaggaggagg agggagacgt 120
agaaaaggaa aagaaggcgc aggaagcaga agcgcagagc gaggacgacg acgaggatac 180
agaagaggaa cagggggaag aaaaggaaaa gggagcgcag gagaaaagga gggggaagag 240
agtcggtttt gcagaagatg aagaaaagag tgaatttcc tcggaggacg gtgacataac 300
ggataagagt ctttgtggaa gtggtgaaaa gtacatccca cctcatgtga ggcaagctga 360
ggagacagtg gacttcaaga aaaaggaaga actanaaagg ctgaanaaac atgtaaaagg 420
tctacttaac aggttgagtg aaccaaacat ggcttccatc agtgggcagc tggaggaact 480
gtacatggcc cacagcagaa aggacatgaa tgacaccctg acctccgctc tcatgggtgc 540
ctgcgttcac tgcctcggcc atgcccaca gactgatgat ggagcatgtt ctcttagtca 600
gcacacctna ccacacagtt tggaatcgag gtngtgccc actttcttgg aggcattggg 660
gaggaaagtt cgatgccnnt cttttnaata ccggaagcca aagggaang anttgnaca 720
acctgttcac cgtcattggc cattttatac aacttcccgt ggtnc 766

<210> 3719
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3719
ttncnaatcg ctaggctctc gttctttttg cagggatccc atcgattcga attcggcacg 60
agggacaaac catctccaga gccttaatcg catctgtaaa gtccctttta ccatgtaaat 120
taatattcat agtttctgaa gatcaggatc tggatttctt ttggggcaat tattcagcta 180
accacatatt ataagagga agcatttctt gggaggcacc ataagcttg ttttttctt 240
tcctaaatag agtatcactt ttacccaaat ggaataactc gctgggttat tttactgagc 300
tcttgatgct catttctttg gtcttctctg tgatgaatta atgtttctat atggacatca 360
tgacaaatct ctttattcct gaagaatatt ttaaaatgnt gttattttat gttgtagtgt 420
gtgtaatacg gtgccagta tgcccgccaa gaatgcagac agatagacct tgtggataat 480
tattttgtga aagacacatc tgaagctcct agcagttctg atgaaaaatc agaacaggta 540
tgcttctcaa tttttcttta ttttctatc ttgatataca actgtaagta taagaaaaac 600
atgtttggat agttaagtca ttaaggtgg ttctgctatg gattcctggg tcaaatagaa 660
agttaaagat agctttctta tatactctca aacttagttn aatgagacta aagctattac 720
ttaaaatgtc aaaatttggg ccagcattgg gggct 755

<210> 3720
<211> 753
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3720

ttncnaatnc	taggctactn	gttctttttg	caggatccca	tgcattcggt	cggtgttaca	60
cacattcaca	cttgaggcg	tgcaggtcgg	tggtgttaca	cacattcaca	ctggtgcagg	120
cgtgcaggtc	ccgtggtgtt	acacacatgc	tggtgcaggc	gtgcaggtcg	gtggtgttac	180
attcacactg	ttgcagggtg	gcaggttggt	gttacacaca	ttcacactgt	tgcaggcttg	240
caggtcgggtg	gtgttacaca	cattcacact	tgcaggcgtg	caggtcagtg	gtgttacaca	300
cattcatgct	gttgaggca	tgcaggtcgg	tagtgttaca	cattcatgct	gttgaggcg	360
tgcaggtcgg	tggtgttgca	cattcatgct	gttgaggca	tgcaggtcgg	tggtgttaca	420
ttcacgctgt	tgcaggagta	caggtcagtg	gtgttacaca	cattcatgct	gntgtgcagc	480
tatcacttcc	atcttcagag	ccctttcatc	ttaaaactga	agctctccat	cacacaagtg	540
acccttcatg	tnccttccca	gtccctgaaa	aacactgttc	aagggttttc	ttctctgggac	600
ctcattgtgt	ggagtttctc	gtgtganntg	cagtnacaca	cgattggcct	tttttttttc	660
gttggtgaga	caaattctat	tctgccttca	atctgggggtg	tcanaatgag	accccatntn	720
aaaaaaaaaa	aaaaaaaaaa	aacttgagcc	ttt			753

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

ttccaaatcg	cnaggctact	cgttcttttt	gcagggatcc	catcgattcg	aattcggcac	60
gaggcaggtc	ccctcccaca	tctaattccac	cactaaggcc	tgcttcttaa	tagctcttgt	120
tcggctttgg	ttgagacagg	gttttgctct	gccgcctagg	ctggagtgca	gtggcgtgat	180
cactgcagcc	tccaactcct	gggatcaagc	agtcctcctg	ccttggcctt	ccaaagtgtc	240
gggattacag	gcgtgagcca	ctgtgcctag	cctgaatagc	tcttaaattct	atccactttt	300
cttcctctgc	acacctgaca	ccctagtcct	gctgccctct	tctccacctg	gacaacctcg	360
cccaccccca	agttgggttc	ccctcatcta	ctcttgcttc	ctttcagtct	atcttctgtc	420
ctgagggtcag	aataatttgt	taaaaatata	aatgggggtca	agaatgagtt	ggggatggag	480
ctganctaga	gatgggttgg	gttgggggtg	ggacttggtg	aangcatgga	attgggggtc	540
aactgatgta	aaagntaaga	ataggattgg	gatgatgatg	aaggttgaac	tggggatggc	600
ttggggggtg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgacaa	660
aagtttttaac	ccacacccaa	cctnognata	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcntttctt	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

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ctctatectc	tggacactgc	agcgtacgag	taacaacagg	tcttgaggc	taaataactt	120
ataaacaaaa	tttccttctc	gaggagctag	gtattccgat	gtatcttcaa	catagtcttg	180
aagttcatat	ggcaatcgtc	cttttggctt	ctgaaatgca	gaaggccatc	cagatttcgg	240
ccaactagag	gagtctgaag	gaccagacaa	ttgctcagaa	acagaaggct	gtttagaatt	300
ttctaaattc	attaagggca	attctggtag	ttttctggaa	attggcttta	agagctcatc	360
ctgcattttt	aaaatctctc	caactggatc	aaatttttta	tatactcggt	tgatagggtt	420
ttttaaaaca	catgactctt	caggactaca	agcagtatta	gtctgggttc	ctacagaagc	480
ctgtcctgag	gaagaatttg	gactagctgg	tctggaactt	aagttagaac	ccacaacagc	540
tgtctttcca	tcactattat	ttttacattc	tgnatcaatg	attaaacact	cctcatctgt	600
atcactgctg	cagagaactg	tatcttcagt	ttttgctgct	tctgatccaa	cagtcttttc	660
ctttgagttg	gctanggttt	ctagaacatt	aggnctttca	ccatcagcat	gtaatatatc	720
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<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

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acaggtagat	tcattgctca	ctgtcagttc	tcttgctgaa	gttttctctat	ttttctcttg	180
atttgctgaa	attcctttctc	cagtagttta	atcaaaaagg	actaaatgaa	aaaaaaaaata	240
ttcagttggt	gcaagttcaa	aaagggtttt	agtctttgtg	tttgattgac	agctttccag	300
catataaaat	tcttaggcca	cactttcttt	ccttgagaac	ttcacagatg	tcacttctgg	360
ctctagagtt	aaatgcccc	gtgggaaaaa	cttgagctaa	cttctatttt	ggtacccttt	420
atgaattgat	gntttcactt	gactgnccaa	agtctttttt	atttaactgg	ttcccccttt	480
cttttatatt	ttaagtctag	ttactttttca	tagaaaattac	ccttggtatt	gacagatttt	540
tgncattttt	cccaaagac	atggtgtgcc	ctttcagttc	gtagatttat	cttctttttac	600
ttcaagaaaa	ttttcttgga	atgatattct	taaatattta	tgttccccta	tttgagtttt	660
ctattctggg	gatatatgat	gggtcccttg	nagancttnc	aaatctgnaa	tttctctgna	720
atctctttac	accggtcatt	tcaattttct	ttgctcactt	tcctcatctt	ggtctcaggg	780

<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

gtgnntnnnn	nntttnnnn	aaggaactct	ttgcnanttn	ccctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	cctagttaaa	tcacaacaag	ttagtaatnn	ataaatgatg	120
tgtcctgttt	ctcttttagta	gaaattatat	ttttggctac	cagttaagaa	acttgtctcc	180
tttgctccct	atgttactat	aaactcaaga	tgatgagttt	tgtggtattt	gacttcatag	240
gcaaaatcaa	aatttttact	ttgttgctat	tctgttttat	gaaataaaact	tctgtctatg	300

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catttgaact aagtttcagc aaattccaatc taaattgaat aattccagct cccagtttta 360
tcctatgttg ctcataaaac agttccaagt atactgcatt atcttgagat ttgaagatat 420
gggtgccacg gggattatac taggcaaatg cgtaaagcag ctctggccta ggtgttgtgt 480
attttaagag actctatctt aggagagctt aagtgtattg gctgcaggaa gaagacattg 540
taaccagga attaaaaatg gattcagatt gctgtattt aacactttag tttcaccata 600
ggctaattat gtgacattgg gcaagagaca taattcttct gtccttagtt ctacatttgg 660
aaaatagaga tgatttggga acttattaat aagatttttg tgagagataa ataaacaaat 720
ncttttgnaa aaaaaaaaaa aaaaactcga gccttagaac tntgnggg 768

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<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3725

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atgtgctcta ctatatcttc ctgtgtattc aaaagtatct ttttgaaaat ggaagggtag 180
atgacatttt ctccgatctt tattatgttc ggttcacgga gtggctacat gaagttctga 240
aggatgttca gccccggggtc actccacttg gctatgtctt gccagccac gtgactgagg 300
agatgctatg ggagtgaag cagcttgggg ctcactcccc ctccaccttg ctgaccaccc 360
tcatgttctt taataccaag taagtgttct agaggctcca ctgctggcat ctgtccagtg 420
aagagtgtgg aagctatcca agaggccttc tgaattcctc tgacatatat ttgagaaagg 480
gcttgactg tgaagagaaa tgtggccctc tccatcttc aagagagatg gaattaatga 540
tggatggacc ctggaggga tctccccagc ccgactttca ctgggctgac agactttgct 600
gaccacaggg gaacnatgtt cntttctttt ctcatgac agacntaaac ctagntcnt 660
taatggaaga aaaatgaagg gggaacttca attatgantt attcaacgac caantttnta 720
ttacnccct ccttttatga ccaagntgac catttnnnat gttanngtta aaaaaccttt 780
cccttgccct tnt 793

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<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3726

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gttgatgtta aagtcttcag tctgaaattt gtagggcagg agattaggct ggaaactcag 180
gcagaatttc tgtgttacia tcttgaggca taattcttct ccaaaaaaat ctccattttt 240
ttctcttaaa gccttggatg agccttggat gattggatga ggactacca cattatctag 300
ggtaatctcc tttgcttaaa gtaaaactcac tgtgttaatc acatcaacaa aataccttca 360
cagctacatg tagtgtttga ccaaacact aggcaccata gcctagccac ataaaattac 420
tatcattata ctttttctta tcacatactt ctaccttgga agggatattt cccagttggg 480
atagctacaa aacagaggca gatcatttag cctgcatttg atttgtagtg aaaaataagc 540
ctttggtgtg ttaaccact gaaatgttgc ggtttattag tatagcacia cttatctat 600

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actggccaac	atagatgctt	tcggttgcaa	gtaacagatc	cccttacagt	ttacaaaaaa	660
aaaaaaaaa	actcgcgcct	tagactatag	nagtcgattc	gtagatccag	acatgataga	720
tcatgatgag	tttggacaac	cacacttgat	gcagtgaaaa			760

<210> 3727

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3727

aaacgcttgg	nnnnncnnnn	ncctttttng	gatacagntt	ctangacaan	agctacttgt	60
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agggatctat	gagaaagggt	gtatctaatt	tttttatgga	ccataaagggt	ttaaaagaaa	180
atagggggcac	aggctggtga	ggtttttatg	ttgttataga	ccttttttaa	ttatgttaga	240
gatgtntata	ggnattttaa	ggtcactggg	agcgtttctg	attcccggcc	acactttgca	300
tttcaacact	cagcccggaa	agatgctcgt	tcggttggtg	gacctcttct	actccctgcg	360
tgtaagaagg	tgaatcacgt	gggaaaaagt	gaccccttagc	aacgtgccag	gacacttcct	420
gtgtgcctgc	agttgtcang	gaccatttgg	gatcccgat	ctcattctct	aaaactgctt	480
tcttgaaaca	tggtacttcc	ttagtataat	caatgtatac	tcccttactg	gcctgaaacg	540
ttgtatagct	acttattcag	atactgaaga	ccaacggact	gaanaaaaga	acaaacatta	600
gctattttat	gctgcaagaa	ccaggacaca	caattcgcca	atcatcccac	catataacct	660
togattggng	ctctcaact	ccaccccata	attcttcca	gagaccatct	atcanccttt	720
ccccaaagaa	gaaacaaaac	cngttgcacc	ttaaaccatg	gatatttttt	cctcangggc	780

<210> 3728

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3728

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nttagaatgt	gactgtatgt	ggagatggag	atacagcctt	caaagagggt	agtaagttaa	180
actgagggtg	ttaagatggg	cccgcaacca	atctcaccgg	catccttaga	agaaaaggag	240
ttggagacac	agagagagag	gctagacaca	ggcacacgtg	aaggggacgt	caggggaagc	300
ggcagcgaga	gggtgctgtc	tacagccaca	gagaggcccc	tgaggagacc	aacgctgccg	360
gcaccatgat	actggactga	cttaccgnct	ccagaactgt	cgaaaagaca	tttctgttgn	420
ttaacaaaat	agcagtctgt	agtacttcgt	tctggcagcc	caagcagact	aatgtatagg	480
gcattagatt	gggcgtaagt	aaaatataaa	ggaacttaag	tattgaatag	tgcagggtgct	540
gtgaggaggg	atacattgng	ttntgntatt	ggtcatacag	agctagctgn	tacctgaggc	600
ttcacaatgt	aggntctact	ctaattgctg	tgcttaaaaa	accccaggcc	gggcatgggg	660
tggctcacgc	ctgtaatccc	agcactttag	gaagccgang	cgggcggatc	acgagggtcan	720
ganggcnaga	tcaacctggc	caacatggng	aaacctgtgc	tntactnaaa	anac	774

<210> 3729

<211> 779

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3729

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tctgcagatc	ccatcgattc	gcgaggccag	ttccaggccc	actttttgcc	ctgtgagccc	120
cctgcattnc	tggnttntcc	ttttncaggc	tgctnctcng	tggagcttct	ctatttnacn	180
tctactactg	tatccatgnc	tntagnnggn	cctntcagtg	atgtngctta	tntccccaat	240
gacactgatg	ggagctnctt	aagaacangc	tgtntacgga	caaggatgtg	aagtgggtaca	300
agggaaaagt	angccgntta	ggacctgtgg	gtgtgtcatg	actgtgcttg	tatctcttgn	360
tagctttgtg	gccttaggtt	caatgctgac	cctttctgag	gctcaagttt	ccttatcttt	420
aaaataggtta	ttaaaggaag	taatccggtc	catacctgag	cctgggtatg	ccctcctccc	480
ggacgttcct	gttttctgat	cgtcttcagc	acagacatga	gtaaagtgac	aatgaccagt	540
cctgtgactt	actgagggca	aggtgttcca	attcagattg	tatactgata	attacacagg	600
gaaataagag	aaganacaag	ttanaagcct	gnagattata	gatgtttttg	agaatacat	660
tnttttgcac	taataaatgt	gaccagtttt	taaaaagttt	tcagtattag	aggaaatagc	720
cacccccata	ctacttctac	tactgcaatt	actatttagc	aatttttatt	ntttctttt	779

<210> 3730
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3730

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ggggctggat	gtgnngcagt	tctgtgatcc	gctgccacgt	ctatgaccgg	gcggcgcnng	180
gtctgcgggt	tccagcgtgc	anaaggtaga	aaatctttat	cctcaaattg	gctgggtaga	240
aattgatect	gatgttcttt	ggattcaatt	tggtgcgcta	ataaaagaag	cagtcaaagc	300
tgcaggaata	cagatgaatc	aaattgttgg	tcttggcatt	tcaacacaga	gagcaacttt	360
tattacgtgg	aacaagaaaa	caggaaatca	ttttcacaac	tttataagtt	ggcaagactt	420
aagagctgtt	gaacttgtaa	aatcttggaa	taattctctt	cttatgaagt	agagacaggg	480
tttcatcatg	ttggtcaggt	tggtcttgaa	ctcctagcct	cacgtgatcc	gccacctcag	540
cctccaaaat	gctgggtatta	caggttcattg	catccaggag	catatgcaag	atactgaaca	600
gttccgcact	acaaagatct	cttgngttgg	tcttctgtaa	ctatatctac	cactctncta	660
tacacctcct	accctctctc	attcctagct	cctggcaacc	actaatctgt	cctccattta	720
aaaaatgttc	taatttgaaa	aatgtatatt	catagga			757

<210> 3731
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

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gaagcaagct	tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtagggtcc	180
taggaaagtc	cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	240
tcctctccca	caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	300
ggctaactgc	ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	360
ccctatataa	tcagactcta	atccctgtaa	aaagattact	tgggtgctagc	caagctagca	420
cctttgggtc	ttcccaaaca	tacaccacta	atccagactc	taataacttc	atttccttta	480
aattacaaga	tcagagctga	aataggcctt	agaaagctag	tctgggctgg	gcgcaatggc	540
tcaagggagg	cggagggttg	agtgaacca	agactgcgcc	actgcactcc	agcctgggca	600
acagagcang	acttcattct	gcaaaaaaat	aaattanatn	aattaaaaat	ntgaacctat	660
atgggattta	acctcttctt	ctcaattaaa	agttatttta	aaaaaaatgg	caaaaaaana	720
nnanngnnaa	naaaaaaaa	cttcngaccc	ttttnaaact	nttangnggg	gtccnnattt	780
accgtagaa	tcnagnn					798

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

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tattgatata	aaaataacaa	ttacagatcc	tgatatatag	aagttattca	aaattataca	180
gttttcaaaa	aatcaagaca	agtaggcccc	atacaacta	ctgaatcatc	ttctaatttc	240
cctctaaaat	atttatagaa	atatgtaagt	agaaaaacat	tcctcctttc	ctcgtctaat	300
tatgatcctg	ccatattcca	ggcacaagag	aaagctctgg	ggcttgagtc	ttaatagggc	360
tgatagtcca	accaggggac	agggtatcat	aaagagataa	ttcaaaaact	taagattgga	420
gggtagggtga	tggtagaaaa	ttctgcggca	aacatttggt	gatgctcatc	atttggtgat	480
gtcatcaaa	atcaccagg	cataattata	atcaaaaatta	gttttattga	tgcttgctgc	540
agcaagagag	actgcacacc	actggggctc	atgggtgctt	ctcagtggga	agggtgaagg	600
aggggcttgc	taagaatttg	agcacatgta	gctaatttta	aggagggtc	aagtgaagca	660
agggtttctt	ctggattgag	tgctgtccag	aaagtggatt	gagtgtctga	gaaagtggga	720
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<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

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aaactgctaa	attaaaatac	tacattttac	ggaaactgtg	gagctgcctc	cttgatagaa	120

tgtaggtct	gtttttgttg	tcttctgcct	atgtctcttg	acttgtagtt	tcttttgttt	180
caaactactc	tgccctcgta	tatacttttg	ttagactact	tttgggtgaag	cactctccaa	240
tagaagaaca	taatgtgggtg	tcaattgtgt	agggatcgcc	caagcgttgt	ctagcatttc	300
tgctccccag	cagaagccat	tttatccagc	cagagttgtc	cttcacagtt	ctagcatagt	360
ctaaactcat	tttctcattg	ttcatattct	ttctctccca	cccactctgt	cttccctgge	420
aattcaagtt	aaattccatc	tctcttcttt	gagttgctcc	cctgaagtaa	gattttctgtt	480
tcttctggca	ttttacctct	aaatttatca	ataacatgtt	tattctgctg	ttcttaatgt	540
cgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	agtgatttta	atcttctctt	gaatttagaa	600
gatgagaatt	tagtctttct	cctttcccca	ttcctacatt	actcctaaat	tgaatcttta	660
atataaaatc	atttatttta	gtttccagtg	tcatacataat	tttacctttt	ttctactcag	720
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<210> 3734

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3734

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tttgccactg	gagaaaaatct	tcctcgagtg	gcagatntac	taacncagct	tttgcnnaen	180
ggtaagggat	attatnnnta	ccttttnctc	taaatatnta	tcntctttct	naaatgttga	240
ctctggattt	agggttnnaaa	tgggggtgcag	ganagctgga	ggnccctncct	ctgatngaga	300
ntaaatcccc	tactntcatt	cagacgntaa	agngaaatga	ttntctggta	tctaactnct	360
ggngntgttt	tggatntaat	accctcntga	aggngnaatg	actanattct	tntgggcatn	420
tnagatgtnt	nntaatnttt	cncccnatnn	nctgnagtat	cataatcgna	gcactctaat	480
gaaagttttc	aggcatgccca	gatcnggatc	tcaancttac	aangaacacg	tatctntgtg	540
ggcttgaggg	aatggcttag	ntgataagca	tcctgtcaat	gtaacctnga	taaactnagt	600
agnntnacgt	tgnnaaactg	angcanntga	tattcaaant	agnaacntat	tcattgtgcc	660
nctntttctt	tactccanat	gactcttgca	naattgaacc	nagtggacaa	cgccctatta	720
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<210> 3735

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3735

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aaactgcagc	agcatctgaa	atgtccactt	cttgattcat	tctgaactcc	cttaagccca	180
gtgtttgtta	gttctcgttc	aagtctagga	actctgccga	gtaacaggta	tctcaatttt	240
gccatccttt	ctttctgcat	agacaggagt	gttcttaaat	cttctcctgt	aaagcaagtc	300
atctctgatt	tccttgagga	tcattgctcc	cgtatactgt	tggtgggggtg	agccttctgg	360
tagaggggaa	gagaatttgg	tactaggggt	gatagtcaag	ttactaaggt	tctttatcaa	420
catctcagag	cagaagtttt	gagaggcccc	tgaatcgtcc	tggaattttt	cttcagttag	480

cattttttgaa	gactgggacc	agggttggat	taaacttttg	tgatgggtcc	atttgtgtctc	540
aacacaacac	tgagcttctc	ctggatcttt	gaaaccagc	agaaactgtt	gctggactct	600
caaattgcca	caaggtagac	cagaaagagc	ctgaaaaccc	gaactccaac	catctttttc	660
tttccttttt	aatgcagaca	tgggtgtgct	atgttgacgt	gagccccgaga	tcgcaccact	720
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<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3736

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aagcaatgtg	ggaaagcctt	cagatctgcc	tcaatccttc	aaatgcatgc	tgggactcac	120
cctgaagaga	agccctacga	gtgtaagcaa	tgtgggaaag	ccttcagatc	tgccccacac	180
cttcgaatcc	atggtagaac	tcacactgga	gagaaaccct	atgagtgtaa	ggaatgtggg	240
aaagccttca	gatctgccaa	gaaccttcga	attcatgaaa	ggacacaaaac	acacgtaaga	300
atgcactctg	tagaaagacc	ttataaatgt	aagatatgtg	ggaaaggcctt	ttattctgcc	360
aagtcatttc	aaatacatga	aaaatcttac	actggagaga	aaccctatga	gtgtaagcaa	420
tgtgggaaaag	cctttatttc	tttcacttct	tttcgataac	atgaaaggac	tcacactgga	480
gagaaaccct	atgagtgtaa	gcaatgtgga	aaaaccttca	gatctacctc	acaccttcga	540
aaacatggta	ggactcacac	tggatagaaa	ccaaagcagg	tgaatcacct	gaggtcagga	600
gttcaagact	ggcctgatca	atatgatgaa	accctgtctc	cttctaaaac	tacaaaaatt	660
tggccaggcg	tgggtggcctg	gcttctgnaa	tcctagctag	ttgggaaggc	tggcacagga	720
gaatcgcttg	gatcttgggg	ggcanagg				748

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3737

ggnnntttcaa	anccgnnttc	aaancnagct	cttgttcttt	ttgcaggatc	cctcgattcg	60
aattcggcac	gaggtttttt	aaagaacttg	ataaatttac	cttaaaattt	aaataaagta	120
tactgaataa	ctaagtcaac	ttagaaaaaa	aaaagtgtta	tctaagacaa	gttacaaagc	180
catcaccaaa	gcccattgatc	cggcagacga	ctacaagcat	aggggtcagat	ccatctataa	240
atgagagcct	gacatacttc	atctatagca	aacatgggag	acaaatcagt	ggtaaaatga	300
tacagtgttt	gggaagtgtt	atttgaaaga	tgggcttatt	taatgtatac	agatgaactc	360
aattcctctg	taatagaaac	ttgttctcca	gagagattat	agatctaaat	gcaatgaaga	420
aaataccact	ataaatttag	tactctttat	tgttaattatc	cccaatgggt	atctttactt	480
tctcacttct	tagatgattt	tccaagtttg	tctagtatct	gagttaaaac	aaaattttta	540
actttcttat	aaaacatagc	gtgcccccat	tttagttcat	tttctacata	gaaataaata	600
aaacacttag	ataacagttc	agaaatagtt	aattaaatat	atcccagatt	ccccacgatc	660
tggaaaaatt	atatcttcaa	aatacttctg	tctggtggat	atgtgtcttc	taaaaaaaaa	720
aannnnnnna	aaaaaaaaaa	cttcggnctt	ntagaacttt	agggngtc		768

<210> 3738
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 3738
gnnnnnnnnnn tttnnnnntt tgaanccctt tgctctngnt ctttttgcag gatcccatcg 60
attcgtgacg agcgactgta gacgttgcca gcatgtattg atcaggagca gcctgtgagt 120
caagactgac aacagatcaa taaatggctt ttaaaaagca aaaccctca agctgtttat 180
ctaggaagcc tgacaaaccc tgcccgcagt ggtgtggccc catgtgtccc cagggcctgg 240
ggccacctc tgcccagaa gtccctcttag tgtctgtaga cagggtcccat ttccaccagg 300
tcaaccaggg ctgtggcagt ggacctggat ggcaggcaga gcagaggacc gctgttctat 360
ttgttgaagc aacgaggcac agtgactgtt ctgacacagc tggctgtgag aaatggcgat 420
gatggatcca ctttagatcc gaagtcttag caaactcagg cctcttttcc acagagaatg 480
ttgtgaagac ctgggaatga gctgttgatg tgcattttta ggatgacagc ataatggaga 540
aaattggaag tagcatatgc caaagtatga agtggttcaca cagctccctt ggggttggtga 600
tttatgggaa gcttttttct cctttatact tttatctact ttctaaatct gtcaatatgc 660
ttngtcttc tatgaacaag aaagaaaagt ttaaaaaaaa annnnnnnnn nnnnnnnnnn 720
naaaaaaact ngagccttta aactntnggg gncgnttacc taaatccann 770

<210> 3739
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

<400> 3739
ggnnnnnnnnn nnttngggca nanggaaacc cntangcaan cnactganag aacccttggg 60
aaggacccca ncgaancgaa ngcggcacga gacanacagn mnannantta cacaccgggg 120
ntggnggang aataangagg annnaangag ccnctnccg aggnngcccn aagncngcag 180
aagacaaaga nccnggnncc aggccangaa aggactgaag naaananngn aaanaagnac 240
agcngaccct ngaacaacan ggagggnagg ggnncagnng aaaancngca tgnaagnnga 300
ccngngcagn ccaaaccnga gngnaacngc ngaatnaaag gggcnncenn cngencanag 360
anagnaccca natnnacaaa catgctagag aaaagcaacn ggggnaaaac nngccccac 420
tagagaaang gacaggaggg annaagnac nnggaaagan aganagcaga actaagcng 480
gnaaaagccc angaaagggn gganacnana aagnagccaa aacnacncna gcaaagcann 540
nnaaggcaga aaacnggggc aanagnaacn aacncngggg gccaccnaaa aannncanaa 600
cagggnaagc ancacannnn nnacancang caaacncc nnacagagg agcnnaccnn 660
gggaagagcn nnnaaanggn acaggncann nnagaagagn aanaccnca ggcaaaangg 720
gaccaaggg acanagaaan acaaanngg nnnnncacac acngaaaaaa anngaagcaa 780
aac 783

<210> 3740
<211> 756
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740

ttatanatac	agctcttggt	ctttttgcag	gatcccatcg	attcgtttta	acagtgtgcc	60
tttggggagg	gacccatgtc	catggcttcg	ttgagggcca	tccatatgcc	agctgggggc	120
cagcccacag	tggccatatt	ggctgcagca	ggaatgggtc	ccacctcggc	gaattgaagg	180
gctaagagtc	ccagatagct	aggccagagc	tggaagcaga	cagtaagggg	aagagctgct	240
cccacaggag	agggagagat	tccagctcac	tgctgcagct	gggaggaggc	gtggatcctg	300
gcacgctgag	cctcaggcac	cagcctccct	gtgctcgaca	gcaaagtctt	gactccttcc	360
tgctgagcac	tgtgctacct	tactgctcc	aaagccagac	taacagctct	ccaagccctt	420
ggggtgactc	ggcttccagg	agctggttga	gaaatgagga	tgtctgtccc	tgtctgcctg	480
ggcaggccag	attcctcccc	agcagccggg	tctctccaga	ccctgattcg	gtgcctttct	540
gtttaccagc	tacttcaatc	ccaaagtttg	aatctgcaga	taccttactc	ccagccactt	600
tgcttcttta	ctgtgttgtg	tggttttctt	gggtgcttcaa	gancgtgtgc	angggcaaagt	660
gcccgtcact	gggaactgca	ccagatgctc	agacttggtt	gncttatgtt	taccaataaa	720
taaaagtaga	ctttttctaa	aaaaaaaaaa	aaaaaa			756

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741

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tctctacaac	tgacagagta	aatagacaaa	aaatgtatgg	gggatatgga	atattttatc	120
aacacaagta	aaaagcttga	tctaacaggt	gggtgggcca	ttctancnac	cannngaccn	180
gnatntaaan	cnnatnangn	tncatccana	ttcattgttg	cntntnnnnt	antgatntct	240
gtntnanttn	tcanntntac	antnnanenn	tnntnnnacn	naacagncac	tannaggtcn	300
annnagctnn	aattnannnc	tntnannccn	tnncntcnnt	nattntnnnt	nnntntnncn	360
anactnttnc	antatnatan	ngnatcntnt	actnttntnt	nnnnantanc	nnnnnanngn	420
ntntntntnta	ctanngnncc	tanttnannn	atcnnntntnt	ntacatctnt	nctactnatn	480
atnnncannt	natatatnnt	nntnnnatna	aaggantntnt	ntncnnantn	cntnnnnana	540
natnctnatn	nncctannnn	nntnannttn	nnnaananna	tnnnancnnt	tannnnnnnnn	600
nnnnannntt	annnnnnnt	nnntnttnnn	ntnnntnnnn	nnnnnnnaaa	nggnanannn	660
nnntnnnnca	atntntnnnn	annnnnnnnn	ttannnnnnn	antannnnat	nntnnnnnnna	720
ntnannaant	ttnannttna	n				741

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

atacagctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	aggaccacct	60
acggaaaact	gagggccaca	taagctcgat	tggttggtacc	tccaacagat	at ttattaag	120
cacctactaa	atactgagcc	cattgcaagc	accaggggaag	cctctgtgaa	cagcacaagg	180
tccctgctct	ggagattctg	cttcagtggt	ggagacagaa	aataaacagt	ttcccgtcac	240
caattttcct	tggaattgga	cagatggcag	ccaccataat	gatactatat	gtgtccaagc	300
taaacaaaat	cattcacttc	cctgattttg	ataagaaaat	tctgtaaag	ctgtttcctc	360
tgccctctct	ctacgttgga	aaccacataa	gtggattatc	aagcacaagt	aaattaagcc	420
taccgatgtt	caaccgtgctc	aggaaattca	ccattccact	taccttactt	ctggaaacca	480
tcatacttgg	gaagcagtat	tcactcaaca	tcattcctcag	tgnctttgcc	attattctcg	540
gggctttcat	agcagctggg	tctgaccttg	cttttaactt	agaangctat	at ttttggat	600
tcttgaatga	tatcttcaca	gcagcaaatg	gagttttatac	caaacagaaa	atggccccaa	660
ggactagggg	aatacgggta	cttttctaca	atgnctgctt	catgaatatac	caactcttat	720
tantagnct	tcactggaga	actgc				745

<210> 3743

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3743

tnagatcagc	tcttgttctt	tttgcaggat	ccctcgattc	ggtacaactc	ttaaagcttt	60
ctacatttta	catatacagt	catctctcag	catcccagg	aagattgggt	ccaggatggg	120
ctcaagggtc	tgatataaaa	ttgcgtagta	tttgtatata	acctatgtac	atcttctcgt	180
attctttaat	ctctagatta	cttataatac	ctgatactat	gtagatgcta	tgtaaataat	240
tggtatactg	tattattttc	aaattgtttt	attgctattt	ttattgcttt	tccctgaaat	300
at tttttaatc	cacagtaggc	ggatgcagaa	cctctttata	cggagggtcg	actgtgtagg	360
agttagctag	tttcagttaa	agcagcgggtg	gttggtactc	atctctcacc	tgccccacg	420
tagtgtagct	agggcatcag	ggagtactga	tctctggcat	catctgggat	caacaggatt	480
ttcctgcctc	acaggcctgt	gagcacatta	gaaatacacc	tgctcagctc	aagtcaaagt	540
gagaagcttt	tgaatggagt	gataaccgag	taggcagtat	ctaaataaag	atgattgggt	600
caagtctcag	tggaacaaatg	tgtaccgttc	tattactgnt	gactgtgact	ttgaagtata	660
tggngttcat	taagcaaatac	caatctgatac	gtatgaaaag	agcaccctcaa	aaaccaaaat	720
gaaaccattt	atcaggactt	ttgnagctat	gaaa			754

<210> 3744

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3744

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tctggcagtg	attcctgaag	ggaaaatcat	gaacaacacc	tactaccagg	aatgcctctt	120
ctacctgcac	aactatagca	ccaacctggc	catcatcagc	ttctacgtga	ggcacagctg	180
cctgcgggaa	gctcttctgc	accttctcaa	caaggtggga	catggacaca	gctcaaaaag	240
gcagtgcctg	ccttactcct	ctggcttgga	ccactcagcc	ttaagcggga	caataacccc	300
ctgacactta	accctgtgtt	gagctatggg	gccatctcta	gcagagtcaa	gtcaaaaacg	360

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gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaatca 420
ctgccctcac cagcaaaggc atgtttcatt ccttctgcca aaacatgcag cagaatcgga 480
tagtggttaa gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
gcatattgct tagagtctgc ttccacgcgc ctcctacct ggcttgggat ggtgtccagc 600
ttctgaccca nctgctgggc cattcagagt tgttactaca agggccagga agtaaccatg 660
gtgcaaatcc tatagttgaa ccccaaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
aactcgagcc tntaaaacta tagtgagtcg tt 752

```

<210> 3745

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3745

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gnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgcag gatcccatcg 60
attcgacgca tccacatgac aggcggcgcc gaagggatcc tgcccctgac tttcatnagc 120
tggtgaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag 180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcagtg cttggaactc 240
agtcattccag atttggtctc ggaaacttct gaagctgtag cctttgggga tccctgactg 300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttcactgggtg 360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa 420
ggacttgccc ggacgcagtg gtcaggcct gtaatcccag cactttggga ggccgaggca 480
ggaggtacac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc 540
tactaaaagt caaaaattat ctgggtgtgg tgggtggcac ctgtaatcac agctactcaa 600
gtagctgagg cagaagaatc agttgaacc aggaggcana ggttgcantg agcagagatc 660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa 720
aaaaactcga ccttttaact atagtgagtc gtattacgta natccagann 770

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<210> 3746

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 3746

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tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct 120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc 180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta 240
gacttctttt gatatatata tgttgattgt atgaacagat tgacatcaat atacttattc 300
attataaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta 360
ccatagtaaa aaaaactaaa aagcaagatg aaattataca tagttcttgg tgtagtattt 420
ttaattttta ttattttatt ttatagaaat ggggtctcac cattttgcca ggctgttctc 480
aaactcctgg cctcaggtga tccgcctgcc tcgacctccc aaagagccag gattatagggc 540
atgagctacc atgcccggct agtgtagtat ttttaaattt tacttaatgc tgagccattt 600
tcaataaacc tcatcacatt gattatgacc tcatgcaaga accatctggg ctatctttca 660
gtgtagttgt ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatggttta 720

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tgctttttaca gtcttaacca ttgcttctta atatcacttt ccgcggnaca actggg

776

<210> 3747
<211> 960
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(960)
<223> n = A,T,C or G

<400> 3747
tannnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnacnnnnnag gnnnnnnnnnt 60
cnnnnnnnnnn nnnnnnnnnnn nnnnnntcnn nnnntnnnnnn nnangtannt nnnntntnnn 120
nnnnnnnnnn ngngngnnnn tttnccaaaa taccnagtt ttctaaaatn ccttgggcn 180
aatccgcac tcgcngcaag gcgaccntc gnattccgna attcggcnac gaggggcaag 240
gagtatngan tttcattcag gaattttntt cangcaattt natcaatctt attcttgaat 300
tntattcacc aataatggct cgccatngan gagtntaaag tnaggaaaca nngctatcct 360
tattcacatt ttgcaaagtt cctccatggg ctactatgat gantaatcaa ngncangng 420
gaggtaanaa gtgaactngg ganactngtt gaccaccnca ctcaatccn cngatantgg 480
caccatntac tnanggnnnn acnnatcnnn atnacattaa gaggatgntt acncctgata 540
tgttgactgg cttgttggaa ggacctatag ctggaacatg cttccattgc caagaaagga 600
gctacaggtn aagagacact agntnacnt atgatngceg gnttccagcc tggcataatg 660
gnganttgc nntgacntna atagcatntc ntgcnaaat ngaactnnca agatagaana 720
agcaanngca aggggaatcnt tgcntgcttt aacccttact catcnaaang gcctctcnta 780
ctncaaagaa tttacanatc cngcttacca tttatcaacn ccaatgctgc ttaccgtngg 840
tnaaccaccc aannttgntt ttaaaataac cacaangntn ncnaaaangc cnaaactcnn 900
ancctntaga actataagtn nntcaagatc cctatnatcc atncttgata aatanacgnn 960

<210> 3748
<211> 758
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

<400> 3748
ttnnnaatnn ncantctctt gttcttttttg cagggatccc atcgattcga attcgggcag 60
aggtgacaca gagacagaga aacctcccc acccaggga gcagctctgc agagtggca 120
ggatcagggg ctagtctgaa cccctagcac agaactca cctcacggaa gagtggccag 180
aatgttttcc acataggctc tggctctcac ttctctcac tgagcagggc tgcccaactg 240
gggacttctg cacaaccatc ctgcccctgc ctgaccactt caatcagagg cagcctggca 300
gttaaaggaa caccacacaca cagaggtgaa aaagaaccaa ttcaagaact ccagcaaac 360
aatgaccag aatgtcttat gtccttcaaa tgattacact acttctccaa caagggtctt 420
aatcaagttg agttggctaa aatgacagaa atagaattca gaatatggat aggaacacag 480
atgaccaaga ttcaggagaa tggcaaaacc caatccaagg aaactaagaa taataataaa 540
atgatacaga agcagaaaga caaaatagcc tatataaaaa ataataaac tgatctgata 600
gagatgaaaa accaagctga ggaaagaatc ttggaactgg aagactggct ctgtgaaata 660
agacaggaaa aaaaaaaaaa gaannnnnna aaaaaaaaaa tcgagccttt agaactatag 720
tgagtcgtat acgtagatcc agacatgata agatcctt 758

<210> 3749

<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3749

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cgctgtagtc	ctattttgcc	atatgacatg	attgaaatca	acacctctta	gaaatagttt	120
tgctgcctca	taattgatta	ccatcatgat	aacctgtagt	cagtgtgaaa	tagagataaa	180
aattaatgta	cttagttaa	tgcatatgaa	ggctaatct	tggtccagag	ttactcttac	240
tggattat	tttagatttt	attaacatta	ctggctctta	actttactca	gtctggataa	300
gaaaaagaat	accatgcaat	tgtaactat	ttgatgttta	ctagattaac	tattaatata	360
ttgttgtggt	ccatatttaa	gagttacttt	gttactagag	atttcattat	agtgggtgtt	420
aatatagttt	tgggtatttt	taactaaaaa	tcattgttat	ccttcaactg	tagattctac	480
tatgaaatga	ggaaaaatca	gcaatagaat	taattgggtt	caaagtatat	aaataatgat	540
gtgggaaagg	gaagtcagag	ggtatctctg	gaagaactga	tttatctgaa	ggtaatactg	600
agtgaaagaa	cctaagattg	tagacaaagc	atgctttatg	caattttgct	ggcatagta	660
gtagtagagg	ctctataaat	gtgttgggtg	tttttgggtt	taaagagaca	gtgtctcgct	720
atattgcccc	aggagtttaa	agctgcagtg	ccctgtggtt	gcacctgtga	a	771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3750

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gcacgagggtg	aattcctcag	caccaagttg	tttaacacag	aagagagggtg	gaaacaaaaa	120
atgcttgggtt	tttactggct	ttcttttagc	atttctgtct	agtcgaaatg	ggggccaggc	180
ttgcacacat	agacaactga	attaatgtaa	cgggacctat	tccatctagg	ctgacctctt	240
gaaagatagg	aggggaagtc	taaaacagga	gaaaagtttt	agaaatcctt	tggattaggc	300
ttaccagat	tagtggtagt	taaaatatta	tgatattctt	agtgtttcag	gattatggat	360
tttagtaaaa	gcagaaaaaa	ataaattcct	gtttaactga	atctataatg	gcaccagtgg	420
tttggaaaca	tttctgagtt	acttgatttt	atgtgaaaaa	atctggaata	acttttcctt	480
ttttccttta	gaccattttt	cttttattta	acctaatacg	agccacttta	taccaatttc	540
aacaatat	ctgaattcct	gtgatctttt	atttcctttt	tgctgctttc	agctgtgttt	600
ctctccactc	taagctcatt	aaagttaaaa	aaaaaatagg	agattggacc	catttttttt	660
tctgaggagt	gtggccgttt	aacacctgt	gggtggtcag	gatattttta	gtagtatttt	720
cagctttcta	gaantgggtg	ncttanttag	naaatagtta	tnggaa		766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

aggctncttg	nnnctantg	aagcctttgc	tactagctna	gctcttggtc	tttttgcagg	60
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aggggaaaac	aggtggaata	atattgaaaa	ttggatcaag	aatatagggtg	taggcgttag	180
ccattttatc	ctggggagaag	ggaggaaatg	aaatanaaac	aggaatagat	agacgttttg	240
aggcgaaagg	aatgaatcca	gcatgctctg	tttagtgatg	tagatgagat	cacctgggaa	300
ggcatgaatg	ggcgggcaga	gtggggtagt	gacttcagaa	gagtaataag	ggttgaaaag	360
cactgctggg	tgagggggaa	ggaatgtcca	taacctgact	ccagcttctt	ttagaataat	420
taacacacgt	tacactcctt	atttaaacag	agatcccaag	atcagataaa	tccataatta	480
cttattttgtt	gtaccacaaa	aatactatag	gggtctgctt	actttctctt	gaaagcatcc	540
ccttggtaat	tattcttttta	tgttttctcta	attgcatgct	ngagaaagca	tctgttagat	600
gcaactagtc	tttagaccct	gaacacctgc	agatcttggt	gatgcatgcc	caagttcaga	660
aagctctgaa	agaagttgct	ttaaaganga	taggccatgg	cttttcagat	acngaccttg	720
aatctgtagt	ggttcctang	tttccaatcc	taacattacc	cacttggtaa	g	771

<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

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gaattcggca	cgaggccaca	tagcaatggt	ntaactgcag	gactcaggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacccatgcc	tccagctcac	cagctgcatt	gaagccccc	gctggcaggg	agactgctgt	240
gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgctat	300
tcacatgacc	aaggatgcca	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctggtcc	agaatctggt	ccacaggatc	480
tctttcaa	gtctcagata	atgctgggtg	tcaagggagc	cctcttggtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccagg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgtttgg	ccggggcccg	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcagacagg	anttaca				747

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

ggatgaacat	ggcatcatat	gattagaaaa	ccaaaattca	tttttgatgg	ctggtgtggn	60
cagatcggtg	cctctaaaat	ttatgtgctg	gaaacttaat	ttctagtgtt	aacagtgccg	120

agaggtagg	gctttgggaa	agtttaatgg	attaatgcc	acataaagg	gcttggtgga	180
gggaatttg	gctctttgtt	gccccctcca	tcctttctac	catgtgagga	cgccacactc	240
ctcccccttg	gaagatgcag	caaacaaggt	gccatcttgg	aagcaaagac	taagctctta	300
ccacacatcg	aacctgttgg	tgccctgac	ttggactccc	agcctacaga	actgtgagga	360
agttaagttt	ctgttattta	taaaattacc	aagtntcagg	tattgtgtna	tagcaccata	420
aatggactaa	anacaatgcc	aaaggtggca	cttgccatan	aactgctgcc	gatgatata	480
actctttgt	ttccagagtt	aaagctttgg	attctgatgg	ggttgattct	cttttgtgtn	540
ggacccttgt	actggtttct	attataatag	ttcttttcta	atntttaagc	cgggcccccna	600
tggtcatgc	ctttaatccc	agcactttgg	ggaaggccaa	ggcngggccn	attcaccagg	660
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<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3754

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ggctggaagc	cctacccatg	tcagggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gccaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaccta	ggttgatttc	atccccattt	300
ttgaatgcc	aggatatacc	agctactgct	ccagatgttg	tattcagggg	acagaagaag	360
agtccctgtg	cccatggagc	taacagcatt	ctaggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggctggg	tgtggtggtt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaacccctg	ctctactaaa	aatncaaaat	tagccccggc	660
tggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgggag	gcaaagggtg	taattgagcc	ct			752

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3755

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agtttgtaaa	cgggtgtttt	tgctcttggt	attgaagtat	acaactctgc	ttagccaaac	120
ataccaagca	acagacagaa	gcgtcacttg	gagagaagaa	gaaaggggta	actggcagag	180
ctactgtaaa	agaaggatag	aggagggtaa	gtttgaaagt	ggccatgggc	aagaattttc	240
tccagatagc	tcttgattat	aatctctctc	acctggatta	tttcccatct	cctgacagtt	300
tgttctcaca	taactatcag	cagtcctctc	aacacagaat	cagaccatgt	ctctcctctg	360
ctccaaccct	ctgaggtctt	ccatctccct	ctggataaca	ccctgcatga	cctggccctc	420
ctatcccact	gctcctcacc	gcgtcatttc	caactctcct	gttctccttg	ctatttttca	480
tatgggccaa	gcaagcacgt	gcctcacaac	ttgtgctctt	ggcgtctgtc	tgctgaaac	540

tttcttgcc	caggtagtct	catggtttat	gccctctcct	ctttcaagac	ttggttcaag	600
tgtcaccatc	tctgtgaggc	cttctcagat	cacctagtcc	tgacacatac	tagccttctt	660
tcctactttc	tncactgnac	tcatcatctg	ctaattngct	actggttgca	tattgcattt	720
aatgnctgtc	ccgttggtca	tgctggtttg	ggggnggggg			760

<210> 3756

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3756

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tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tcctgcccc	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gctcagaagc	tccccactg	agcaccttgt	gacccccgcc	300
ctgccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
caggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttggc	aagtttgaac	tcacaggcat	acctcctgca	ccccgaggtg	ttcctcagat	540
tgaagtcaat	tttgacattg	atgccaatgg	tatcctcaat	gnetctgctg	tggacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggaagacat	660
tgaacgtatg	gccangaagc	tgagaagtcc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3757

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tttttttttt	gcaaattgat	tagtaggaga	tccaagggtg	ttggttaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtaccagca	ctgtgctgga	240
atgctgagga	gacaggagtg	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggctatata	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgcct	cccgggttca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagtctggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gctcagaata	ttggctacta	cctgngataa	660
acatttaaat	tattgggaac	cagagagttt	ttatactaaa	ttgnaagaa	caattttttt	720
atcaaagacc	aancccgaaa	ttcttgaccc	tcttgggatt	tca		763

<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

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aatncnagcc	tcaaaannng	ctgaacannn	ttggcatcaa	aatttnntca	gaaaatttcc	180
taaaggagat	nnaatcaagg	gccnnaanac	cgcaanaga	tgctcttgn	acactaanca	240
agcatctnnt	gangagnnnc	ttaaacangc	ttccagncag	aancctgcct	ggaaagatgg	300
gtccactgcc	acntntgttc	tggntgtgga	cncattnnt	tatattgcca	acctcnnnna	360
tagncgggca	aacttgtgtc	gttataatga	gganagtcag	aaacatgcag	ccttaagcct	420
cagcaaagag	cataatccaa	ctcagtatga	ngagcgnat	gaggatacat	taaggctgga	480
ngaaacgnta	gggatgggcg	tgttgncggg	cngtgctata	gggttnactc	tgcatagnng	540
acgtcagacc	agnactttcg	atttaccctn	tgatnngccg	acatnagant	tctgcccngc	600
tgacacccaa	ttgacangnt	tnntttncat	tnncnttgta	tatanggcnc	ttaaanggat	660
ttcctcntcn	ngatnatanc	ctattnnccc	tnatacntng	gtntatncta	ntnnntnntg	720
cntnanttnt	cncttganct	anctcntaaa	cnttnggnaa	ntctttttan	ctctctngta	780
ngtcttattc	tctantatt	ncnccc				806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

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gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcggtgaggg	ggaccgcggc	ggcttcaacc	120
tctacgtgac	cgacgccgcg	gagcttttga	gcacctgctt	cacgccggac	agcctgncgg	180
noctcgtggg	taactgggcg	ggtctgggag	ccgtcacacc	cctccttgca	ntgcagatcg	240
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgcctc	300
gtagctgnag	tcctcccatt	ggctagggct	cttggggctc	ggcaggtttn	gggtgcccc	360
agtggggcctc	gggttnccagg	cagctcgtga	caagcccctg	ngctctctag	aaagcccgtt	420
ntggcctgag	tgcnngtgag	gacatnacc	cccggttcag	gtgagacca	acagggagga	480
aggacngatg	ggnagganga	ngggctctgcc	acagctctcc	cgtacctttt	ctatnccagg	540
gcagcctgtg	agcagcaagc	ctgtggctct	gacttctgca	cgaangacan	aagcnattcc	600
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nnnccnnggg	aaaaagcccc	cc				802

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 3760

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agattctgtt	gttacgtgca	acactgtata	tctctccata	gcacttaatc	agagtttgta	180
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ctccatgact	tctaggtacc	ctgtctgact	acgtgtatca	ctgtttctac	cgcctaacat	300
tgcttagcac	attcattgct	tcacaggcat	ctgaatatgg	ttttataaaa	tacattgctc	360
tagtgcacag	gatttttaagc	taaggatttc	atgaatggga	tttggggtag	gggcatctat	420
gaaattcctg	aaattgtgta	gaattttgag	aatatgtgtt	ttcctgggga	tagagtatgt	480
agtttctcag	caactcatta	cagtctgtca	catcatgccc	taattctact	tgctgttagc	540
taaacaccta	ataacattag	aactgaaatg	atagtgatat	gcaagatagc	acgtgtgggt	600
tccacatatt	ctaagaggca	tcttcaatta	gattccaaaa	aaaaaaaaann	nnnnnaannn	660
naaaaaaact	cgagcctnta	aaactatagn	gagtcggatt	cgtagatccn	gacatgataa	720
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<210> 3761
<211> 771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 3761

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tacatcagac	aggaccacat	ctaggacctc	ctcctcctcc	tcctccgact	cctccaccaa	180
cctgcatagc	ccaaatccaa	gtgatgatgg	agcagatacg	cccttggcac	agtcggatga	240
agaggaggaa	aggggtgatg	gaggggcaga	gcctggagcc	tgagctagc	agtgggcccc	300
tgcttacaga	ctgaccacgc	tggctattct	ccacatgaga	ccacaggccc	agccagagcc	360
tgtcggggaga	agaccagact	ctttacttgc	agtaggcacc	agaggtggga	aggatggtgg	420
gattgtgtac	ctttctaaga	attaaccctc	tcctgcttta	ctgctaattt	tttctgtctg	480
caaccctccc	accagttttt	ggcttactcc	tgagatatga	tttgcaaata	aggagagaga	540
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ctcatcaagt	aaggnggtac	ttcaagccat	gctggcctnc	ttacatcctt	tttnggaaca	720
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<210> 3762
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 3762

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aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttgtaa aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
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gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttcc cacaatattg gttttcattt actatcttga      720
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<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3763

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aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttgtaa aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
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gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttcc cacaatattg gttttcattt actatcttga      720
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<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 3764

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tggagctctt ctccaacatc tggggagctg ggaccaagac tgcccagatg tggtagaac      180
agggcttccg aagtctggaa gacatccgca gccaggcctc cctgacaacc cagcaggcca      240
tcggcctgaa gcattacagt gacttctctg aacgtatgcc caggaggagg gctacagaga      300
ttgagcagac agtccagaaa gcagcccagg cctttaactc cgggctgctg tgtgtggcat      360

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gtgggttcata ccgacgggga aaggcgacct gtgggtgatgt cgacgtgctc atcactcacc 420
cagatggctg gtcccaccgg ggtatcttca gccgcctcct tgacagtctt cggcaggaag 480
ggttcctcac aagatgactt tggtagagcc anaggagaat ggtcagcaac agaagtcttg 540
gggggtgtgcc cggcttccaa ggccatggcg gcggaaccgg gcgcctggac atcatcgtgg 600
tgccctataa gcgagttttc ctgtgccttg ctctaaactta cccggctttt gacacttcaa 660
ccgcttccat gnaacccct tgcccaaaaa ccaaagggcc ttgaagtttt ntcataaaca 720
ntgccttca accacttgnt gtgggtcccg ggaacaaccc atgggatnna aaggnggngg 780
ccttgnccca aattgcttnn cc 802

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<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3765

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atacagctct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga ggcatatgct 60
tgtctcaaag attaaagccat gcatgtctaa gtacgcaggg cctgagtctn tgccctcgtg 120
ggcgttgagt gacactgatt ctgcgctgtc tccggcctct ccggcagggg gtectancgc 180
agactttgcg gntcatggag agtctctggg agacaggcac ctgcggacgc tgcagataag 240
ttacgaogca ctgaaagatg aaaattctaa gctgagaaga aagctgaatg aggttcagag 300
cttctctgaa gctcaaacag aaatggtagag gacgcttgag cggaagttat aagcaaaaat 360
gatcaaggag gaaagcgact accacgacct ggagtcgggtg gttcagcagg tggagcagaa 420
cctggagctg atgaccaaac gggctgtaaa ggcagaaaac cagtcgtga aactaaaaca 480
ggaaatcagt ttgctccagg cgcaggcttg caacttncag cgagagaatg aagccctgcg 540
gtgcggacag ggcgcccagg tgacccgtgg tgaacagaac nccgacgtgg ccctgcagaa 600
cctccgggtg gtcataaaca gtgcacagct ttcataaagc actggtttcc ggagctgaga 660
cctgaatctt gttgccaaat ccttaaatct attgacngaa tttctgaagt taaagaccan 720
gaggaagact nttgaggccc tggg 744

```

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3766

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atcagtttct tgcctttntn caggatccct cgattcgaat tcggcacgag gtttccttgg 60
cttaccgtga tgacgcattt gctgagtggg ctgaaatggc ccatgaaaga gtaccacgga 120
aactcaaata caccttcaca tctcccaaga ctccagagca tgagggccgt tactatgaat 180
gtgatgtcct tcttttcatt gaaattgggt ctgtggccca taagttttac cttttaaaca 240
tccggctgcc tgtgaatgag aagaagaaaa tcaatgtggg aattggggag ataaaggata 300
tccggttggg ggggatccac caaaatggag gcttcaccaa ggtgtgggtt gccatgaaga 360
ccttccctac gccagcatc ttcattatta tgggtgtggt tggaggagg atcaccatga 420
tgtcccgacc ccagtgctt ctggaaaaag tcatctttgc ccttgggatt tccatgacct 480
ttatcaatat ccagtgga tggttttcca tccgggttga ctggacctgg atgctgctgn 540
ttgggtgacat nccagagggc atcttctatg ccattgctt ggcttcttg atcatcttct 600
gtggcgagca catgatggat cagcacgaac cggnaccaca tngcanggta ttggaagcca 660

```

agtcggccca ntgccgtngn tcttctgnc ttcataatttg acatgtgtta aaaaangggg 720
ccaactttacg aatncctttt acagtt 746

<210> 3767
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (749)
<223> n = A,T,C or G

<400> 3767
tnagatacag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggtttt 60
at ttataaaa caaaaattta ttttgcaca ggaggagaat tagcaggatg taaaataaaa 120
atgaaagacc ccaatgggga gaataatttta aatgtcttgc agggagtggga agaaagcttt 180
gcttaaaaat gtcacccatat gctaactata tacagcactt caagtttatt tattgttaaa 240
gcctcatgta aatcacgtca ttctgaaaat catggaaaact gcacatttgt gcattaaact 300
atgtaaaaca caaaaactgg tcatccgtcc aattgttggc tcacttattt tgaattatag 360
tgcaattttg tggaggggtga aatgggggatt acacaatata gcgatttcct gttaacacct 420
acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
aaatgtgttt tttattccga gtcccgttgg tgtctatggc ttcacttttc tccatgagcc 540
acatgttaaa gcctgccctg actaaatgaa ggagtgtgaag cagtgggata gacattgcag 600
gcaggcgaaa ctgggataag ccccgagaatc ttttgaacct atcagtaata ttactaacag 660
gggagaaagt ataaaagtga gcccttcaag tgccttagtg tacatgtcag aattnaagca 720
cgagttnacg gggatggctc acccccttc 749

<210> 3768
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

<400> 3768
caaatncnng ctctcgttct ttntgcagga tccctcgatt cgaattcggc acgagggctg 60
cagtgaactg tgatcgtgcc actgcactcc atcctgggtg gcagagtgaag gccctgtctc 120
aaaataaata atccagtccc cccaagaaa ggggaatgaag tgctataatg agaaaaatcc 180
tagtacctaa catatagtag acagtggaga gtgggttctct ttcgttnctc aggggcagac 240
agattgggtg ctggagtcc ctatcaaaga gtcagagctc tatcccagat gtgtaatgaa 300
cgtggtcaca gacatattgt ccattaccat ttaccttccc tataaccact gtgcctccag 360
ccttgtagaa tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
cagggcatgc ccgttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
tgaactttac attagccata ttccattatt tcagcttaag tcaaagtgcg gtccctcatga 540
ggcaactggc tttgacagga gtaacgctaa ttaccactta ccaaccttta atttctgggt 600
aaaagcaaaa gacaaaaact aatggatttn tcatttttnca cagnacaag aattaaataa 660
tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
gtattacntt agatncagac ntgatacga accatggan 759

<210> 3769
<211> 754
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

ttgcnaatgc	taggctactc	gntctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggagccacca	tgctggccc	atcgtntcat	ttgatccttg	caacacccta	tgagaatatc	120
cngatcgaac	gatntcacag	atnatccata	gtgatactca	gctaacggnt	ggtctgccaa	180
gacttgaacc	caccattctt	gttactnnct	tgatnncttt	aanactgggt	atnnnnngcc	240
agtntggnat	ggngcnnaaa	atangatgtg	ngntttttgg	angtannann	tgctacaggc	300
ntnnactnta	tnatctnagc	natagcnagt	ncaagtnnga	ctgattnagn	atacacnnng	360
nngtggtant	ngctaaaata	ttgaaanaac	tttnattctg	gntggagcnc	gtnnngtntc	420
ccaaatatga	acaaccaana	tctgaaatgc	tncaaagctg	gaaactttta	gagtgtntnt	480
gantgccngc	caacatgaca	tgcaaganaa	acattnattt	ggagcatttn	ggattgtgna	540
tattnagatt	ngggatgctc	atangnatt	aatgcanata	ttncaaaanc	cncgccttcn	600
gacccagcng	aaanaaaaaa	caaaaancca	naatacttgn	gntcnccaag	cattcatgaa	660
aaaaatgatn	cttaacctng	naaatagctt	tgncccaacc	cncnnaagtt	tctttntcta	720
cttccttggc	cantttnaac	attaggaacc	ccct			754

<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

tcagctcttg	ttctttntgc	aggatcccat	cgattcgggt	gcacagtggg	aagggcactg	60
ggctggaagc	cctacccatg	tcagggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctacct	aggtacctaa	ggttgatttc	atcccattta	300
ttgaatgcca	aggatatacc	agctactgct	ccagatgttg	tattcaggga	acagaagaag	360
agtcctgtg	cccatggagc	taacagcatt	ctagggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggatctgat	gaagattgtg	aagattatta	catcagggtg	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggctggg	tgtgggtggt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaaccccg	ctctactaaa	aatncaaaa	tagcccgga	660
tgggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgggag	gcaaagggtg	taattgagcc	ct			752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

taaagnatca	ngntcttgtt	ctttttgcag	gatcccatcg	attcgctgga	ccgggtcttg	60
gtgctttcca	gctcagggcg	ttgggtccact	tggttattct	tggggaccaa	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgtttttcca	gagtcctccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcacat	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttcctgtgt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tattttaatct	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3772

taaagnatca	ngntcttgtt	ctttttgcag	gatcccatcg	attcgctgga	ccgggtcttg	60
gtgctttcca	gctcagggcg	ttgggtccact	tggttattct	tggggaccaa	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgtttttcca	gagtcctccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcacat	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttcctgtgt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tattttaatct	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3773

ggnnnnntttt	nnatttngnc	nnannnanaa	ctctnnagna	anccctttgt	ncaggcatcc	60
catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcacctg	gtgcacgcga	ccgtgctgta	aatgtggcag	180
tcgctgtgtt	gggagagccg	gccacgcctt	tggttttaga	gctgtgttga	aatccatttt	240
ggtggttggt	ttttaaccca	aactcagtgc	atTTTTTaaa	atagtttaaga	atccaagtgc	300

```

agaacacttg aacacacaga agggagaccc cgcctagcat agatttgcag ttacggcctg      360
gatgccagtc gccagcccag ctgttccccct cgggaacatg aggtggtggt ggcgagcag      420
actgcgatca attctgcatg gtcacagtag agatccccgc aactcgcttg tccttgggtc      480
accctgcatt ccatagccat gtgcttgtcc ctgtgctccc acggttcccc ggggccaggc      540
tgggagccca cagccacccc actatgccgc aggcgccta cccaccttca ggcagcctat      600
gggacgcagg gccccatctg tccctcggtc gccctgtgtg ccagantggg gtcccgnctg      660
ccccaaactc cngncttcgg nttcagaaca cttttgggca nggaangtct tggggggccct      720
taaccaagca nggaaccncc gtgccaaaag ccngggcaag gccgggtccc aaccttagga      780
accccaacaa gccccctttn ggggaagcca accccnaaa cctttttggg gggg          834

```

<210> 3774

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3774

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gnnnttttaa atacccagct ttcaaatacct tgcttncgnc ttncgcagga tccctcgatt      60
cgaattccgt tgctgtcggg gatgagattc tgatggaaga gattaaggat tacaaggcac      120
gcttgacctg tccgtgctgt aacatgcgta aaaaggatgc tggtcttact aagtgttttc      180
atgtcttctg ctttgagtgt gtgaagacac gctatgacac ccgccagcgc aaatgtccca      240
agtgtaatgc tgcttttggg gccaatgatt ttcattcgcat ctacattggg tgatctaagt      300
caaganaaga agaggagctg gctagtcang aacttattca ttaaccacca aacctctacc      360
tnttctctcc ttgactgtca cctgtaggac agtttatcag tcaactacct ttccctccaga      420
ctttacttcc aggtctctnct cttcagtanc tggatgactt tagcagaaag gactggtaaa      480
tacaagcctt ggggtttcaga atgaattaga aacaaataac tcttactgtc ttccctccca      540
gctttgttta ttttgtgctt ttagactttt cagtgnntnc ttttttcagn ccactgtata      600
aacttggatt gtccattcct cctgaagaaa tcaagtgtgg tatttttgat gtggaaaagg      660
gaacaanaag tggaacatg gctacttttt ggggagtggg tnttttaaaa aaatnagggt      720
ggctatgggc accaaanttt tctacatttg ngtnncaaac ttcttgtgaa atgtgggatt      780
ncaant          787

```

<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3775

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ttnnnnnnnn cagctacttg ttcttttttg aggatcccat cgattcgaat tcggcacgag      60
gctgggtgtg gtggcttatg cctgtaatcc aaacactttg ggaggccaag aaggaggat      120
cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa      180
ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag      240
atagatagat agaattttct ctaccccaag ggtggagaaa gacttgagca aagacacaga      300
ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg      360
ctctggggag gtgggctgtg ccctcagcag catccacatc taatgcagga caacaccatc      420
gacttcctgg agtacgtggc agctctgaat ctctgtgtga ggggcacctt ggagcacaag      480
ctgaagtgga cattcaagat ctatgataag gatggcaatg gctgcatcga cccgcctgga      540

```



```

gctctcaaca ttgtggaggg aatttaccag ctgaagaaag cctgccgcga gagctacaaa      600
ctgagcaagg ccagctgctc acacccgagg aggtcctgga caggatcttn ctccctgggtgg      660
atgagaatgg agatggccac tgctnttgac naattggtga agngcccctc gggccaagtg      720
ggtgatgaaa atcttcenat ggc                                          743

```

```

<210> 3776
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (730)
<223> n = A,T,C or G

```

```

<400> 3776
atcagctctt gttctttttt caggatccca tcgattcggg agggcaggag agtgaccaag      60
cagctagaag agaggggtgca gcaccccaag gnnaggactg ggggagtggg tgttccagga      120
agggctcttg catgtaaagc tgcacagaag tcaaatcaga taaagcctga gagggatcca      180
tggtatttct tggcaaaggg attgtttggt ataccaggaa gagcagcttc agtgggtcat      240
ggggagagaa gccagattac aggagatcag caactgagag agtgagtgga gagcatcttt      300
taagaatgtc ttgagtgcgg gccggctgcg gtggctcacg cctgtaatct cagcactttg      360
ggaggccgag gcgggcgaat cagcaggtca ggagttcgag accagcctgg ccaacatggt      420
gaaacccgtc tctactaaaa ttacaacaat tagctgggca cggcgcantg gtgcgtgctt      480
gtaatccag ctctcgggag gctgangcag gagaatcact tagaccagg agtcggaagt      540
tgcaagtgag tganattgcg ccactgcact tcanactggt gacagaacta gactctgtca      600
aaaaaaaaaa aaaaaaaaaa tcgagcctnt agaactatat gagtcnnatt cctagatccn      660
gacatgataa gatncattga tagtttggac aaccacactt gaatgcntga aaaaatcttt      720
at ttggaaat                                          730

```

```

<210> 3777
<211> 769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

```

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<400> 3777
ggnnnnnnnn nttttnnn atggaaactt ttgctattgc ncttttttgc ggatcccatc      60
gattcgaatt cggcacgagg ccaccaccac caccagcccc acaaaattna cctcaaggcn      120
tacgaacagg tgatgcacta ccccggtac gggtccccc tgcctggcag cttggccatg      180
ggcccgggtc cgaacaaaac gggcctggac gcctcgcccc tggccgcaga tacctcctac      240
taccaggggg tgtactcccg gccattatg aactcctctt aagaagacga cggcttcagg      300
cccggctaac tctggcacc cggatcgagg acaagtgaga gagcaagtgg gggctcgagac      360
tttggggaga cgggtgttgc gagacgcaag ggagaagaaa tccataaac cccacccca      420
acaccccca gacagcagtc ttcttcaccc gctgcagccg ttccgtccca aacagagggc      480
cacacagata cccacgctt tatataagga ggaacacggg aaagaatata aagttaaaaa      540
aaagcctccg gtttccacta ctgtgtagac tcctgcttct tcaagcacct gcagattctg      600
at tttttttg tgggtggtgg ggtctccatt gctgntgntg caaggaaagt cttacttaaa      660
aaaaaaaaaa ttttgtgagt gactcggngt aaaaccatgt agntttaaca gaaccngang      720
gttgtctatg gttaaaaagc cntnagaact atgnagatcg nattaagta                                          769

```

```

<210> 3778

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<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3778

naanannagc	tcttgttctt	tttgcaggat	cccatcgatt	cgccccacctc	ggcttcccaa	60
agtactggga	ttacagacgt	gagccaccgc	acctggccta	aatttcacca	tcgtttctat	120
tcataactta	cctgcaaagt	gattatctga	ctagtactac	tgcaacaaag	ataataaagt	180
gcctgatgtt	tatatcaa	aggatatggc	atgtttctga	gtgtttctaa	agaaaaatac	240
tgaatgaacc	cctcgccctaa	cctagtgcct	gtggtaacaa	taactgacat	gcattgagcg	300
cttactgtgt	gccaggtgct	tgttcgagg	actttaccgg	tattaactct	ttaattcgca	360
taacccttct	gtgagatggg	taacattata	cccattttac	agatgaggaa	tctgaggcct	420
ggagatatca	aatcatgtgc	ccaaggccac	aaagccaaca	tgtggtagaa	ctgagactcg	480
aatctaggca	gtttgttcca	atTTTTgtgc	tttgaacctg	tgcaaatat	gactattgct	540
atTTTgtgat	attatttgag	atTTTctctt	taattattct	tgatatcttt	ggggcagaaa	600
aacaatgaat	aataatgtta	tgaatattaa	agccccctca	aaaaaaaaaa	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnaaaaa	aaaacctggc	ctttaaaatt	720
ttgggggggn	ntttccnnaa	anc				743

<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

<400> 3779

ttntatatca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggata	60
taatggccan	gaggaatcan	aaacctgacg	ttagaaaggc	tcaacgagaa	cangctatca	120
gggctgctaa	ngaagcaaaa	aaggctaagc	aagcatctaa	aaagactgca	atggctgctg	180
ctaaggcacc	tacaaaggca	gcacctannc	aaaagattgt	gaagcctgtg	aaagtttcag	240
nctacagggtg	gacaatgagg	aggaggaaag	ccnnggacag	ggtgaagggc	ggcttgcccc	300
atccactgtg	gtcctggacc	acacangcgg	ctttgagggg	cttctcctgn	tggntgatga	360
cctgctgggg	gtgattggac	acagcaactt	tggcaccatc	cgntctacca	catgcgtggt	420
caaagggaaa	tggctctncn	aggtcctcat	ctctnccang	ggctcatgca	nateggctgg	480
tgcaccatca	nctgccgntt	taaccangan	gaggggggtg	gagatacaca	caactcctat	540
gcctatgatg	gcaaccgcnt	gcnaagtggt	aatgtgacca	cancgaatta	tgccccccca	600
tctntgctgg	gttnccanncc	tgtggtcaca	agtnctgcng	ngcctgtatn	aaccagcacc	660
tgttgaacan	canggaactg	nttctctctc	aaaaccaccn	ttntgtctgt	anangacttg	720
gtanaaggga	gccaatcna	gttctacn				748

<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3780

gnnnnnntnn	nnnnnnnnnn	ttttnaatnt	cagctacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ggatttctcc	tccttccgcg	ctttctgctg	gacactggct	120
gtcagctctg	ggctgggctt	tctgggggcc	acacagctgc	tgaggcggcg	ggttgaggcg	180
gccccaaagg	accaggggtg	ctcagcctgg	ttgtggatag	cggcctgtgt	ggagaggagc	240
tgcttgtagg	cagttaggag	gcggacagca	tcacctggg	ccggtatctc	cggcagctgg	300
cacgccatcg	gaacttcctg	tggttcgtga	gcatggacct	ggtgcagggtg	cagtggctca	360
cgctgtaat	cccagcactt	cgggacgcca	aggtggaaag	accgcttgag	cccaggagtt	420
cgaggctgca	atgagttatg	attgcaccac	tgactccag	cctgggcggc	agagaaaggc	480
tccatctcta	aaaaaagaag	agctaagtgc	tgtacctaaa	acatgcagta	tataaactgg	540
ctgaacttag	aaataaactg	ttttcatggt	atgaaaaaaa	aaannnnnnn	nnnnnnnnnn	600
nnnaaaaaaa	aaaactcgag	cctntanaac	tatagnaggt	cntnttacgt	anatccagac	660
ntgataagat	ncattgatga	gtttggggac	aaacccaact	ngaattgcntg	aaaaaaatgc	720
tttatttgng	aaaatttggg	atctatgctt	tatttgtacc	attataagct	n	771

<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

cnnntttcaa	atcgcttggt	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagggtgag	gggctgtctg	gcccttctga	ttttttgtta	acgagacatg	gattgtggca	120
tcaagattta	gattcattcc	tctgtttggt	ggagtcattg	aagccagtat	atcctggaca	180
ttttttaaag	aggtcccat	tctgagaaaa	gacaggagtt	gaatgtctta	ttgattctta	240
cctttctggt	cggtatagac	gaccagagga	aacaaatgcc	cgacacggat	tcgactcagt	300
cataagtgtg	aaccaaatag	gccgatctgg	gttctctcac	tgactgaaga	ggaagagaaa	360
taagagagga	cagtgggcaa	aatgtagggt	gacaaccaag	ggttctgggt	tgcccagaat	420
tgccctgggt	tcaaccctga	agttcccatg	ttgtggacag	ccccgtggtc	ctagacaaac	480
aggtcacctt	agcggtaaaa	gcctttctca	ggagtggagag	ctccagggga	gacaaaacgg	540
gttttggttt	ggaacctgga	ggaagaaggc	aaaatgagaa	gagtnactg	gcagtgaagc	600
ccggaaaggn	ccgccttg	aacaancgtg	gcactctccg	gacccacttc	cttgctcttt	660
ctcccgttag	ccctgccctt	aatgtnggg	cccagtgc	aanccctntt	gggggccngg	720
gcccgttgcc	ctgcttaatt	caattgcaan	cttggaccag	gaaaagccca	gccagctt	779

<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

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atctccaact	gacctcatga	tccactggct	tcggcctccc	aaagtgtctg	agtgcagtgg	120

tgtgatcatg	gctcactgca	gccttgacct	cctgggctaa	agcaatttgc	cttcctcggc	180
ctctcaaagt	gctgggatta	caggtgtgag	ccactgcacg	tggcctcttt	ttagtttatt	240
ttttccaaaa	ttattttgaa	aagtttcaag	gtggaatgta	gtgacaccat	cacggctcac	300
cgaagacttg	acctcctggg	ctcaggtgat	cctcccacct	cagcctctca	agtagctggg	360
actacaggtg	cacaccacca	caccagcta	gtttttatgg	tttttttaga	gacaggggtt	420
cgccacgttg	cccaggcagg	tagaactccc	gtactcaagt	gatccgtccg	cctcagcctc	480
ccaaggtgtt	gggattacag	gtgtgagcca	ctgcaccocg	cccatttctt	cttagattta	540
acagttaaca	ttttgctaca	tttgttttat	gtcccccata	atctgggttt	cccttaagct	600
atatgaggct	acattgnggg	tacactttac	ccaatatctt	ggtatcaacc	acagtgccat	660
aatcataata	aaaaaattta	acattggtgc	agtaaaaaaa	aaaaaaaaaa	actcgaggnc	720
tttagaacta	tnntgagtcg	ntta				744

<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

anacagctct	tggtcttttt	gcaggatccc	atcgattcgc	aacagaataa	gactccatct	60
caagaaaaaa	aaaagggttaa	agttcctgac	ttaatgagga	aataaaaaaa	ttatatgctg	120
aagttgctaa	gatctagctt	gtgtttgtga	aattgtgaag	aaagaaaaag	aaattcatag	180
tagttttatg	gtcacacttc	tgcaaaaatt	gcagccacag	tgcatgataa	gtgcatagtt	240
aagatggaaa	aggcattttt	tgagtgggaag	acatgaagag	aaatagcttc	caatgacagc	300
attcaagttc	ggtactatac	atggtttcag	gaatctacta	gaggtccttg	aacatatccc	360
tgtggataag	aagggactac	tgtattgcca	accaggggaag	cttcagtgtc	tccagagaat	420
ttattagggc	atcattacat	aggcacgatt	gatttgtttg	gctgcccaca	tggttgaact	480
cagtcttcaa	gtcaactgat	accaagttgt	ccaaagttcc	ccaccctaaa	ccacatgggt	540
ggtctttctg	gcattggccc	gctttcaccc	taagactact	gggtgttgca	gctgcaacct	600
aaaatctagt	aacaaagaca	tgcttatcag	gtctgacata	gattaccttc	caaaagggaa	660
agatcagaca	tctctttggg	taangtcaac	ttttttttac	tacattgaga	caaattctat	720
ttcaaggaca	gagttaagga	gggaatgaat	ttt			753

<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

tacagctact	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gaccacacct	60
ggctcattta	tttttatatt	gtctagagac	agtgtctcac	tatgttacct	gggctgggtc	120
tgaactcctg	gcccctaatt	atctgtctat	ctcaatcacc	caaagtgttg	ggattacaga	180
tatgagccac	tgtgcctggc	ctattttctga	ctttttttct	ttttgtatat	aagaatatat	240
atttcgagac	aaattgtgga	ttataaatgg	atgcttattt	atctcgactg	cctttcagac	300
ctttttcccc	cagccaacca	gtttttttct	tctcaaagaa	gacacagggt	aaactgaaac	360
tcatctattt	cttctgattg	agattgtgtg	gggtctactc	actcagcttt	tgcagtacat	420
ggaaagttag	gataaacgcc	ttaaagaaact	agtttcagtc	atagatttag	taaaaatggt	480

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attgcaaate ctttctttga actcaangtg cttttctcag tttctttaaac caccacccag      540
agagatcttt catgtcctct ttgccctgga gatgtacatt gggaacaaaa accttaagtc      600
agttcttcac ttttttactg ctttggtctt tagtaattat ctgntcttct attaaacaag      660
gagaagacag attaaatttc taacagtnag ggcacaaaaac caatccattt acagaattag      720
tcttacttta ccacatagga

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<210> 3785

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3785

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gcacgaggaa aagaaaaaaa aagaaattta aaattctgtt ttagtgaggat catttgaact      120
taagtctaag tttataacaa cactggcttc cacagcacag gaggtgagca tgtgttaata      180
tttaagattg gcataactcc ctttaggtgc aagtgttcag gccaaaatgt tcctgagcat      240
tttgattcct cctcctgctg cccatctata ccaagcccag aaactgtctg gaatatatatt      300
tagtttctct aatgacacca agaagtagaa cagtcttttc aaaaatgtat tttaaaaata      360
agctgaatct caagaatctg atctatagta taatgaaaac tgaaaagtga agtagtcatt      420
gggatactct actgtctcac ttaattctca cggcttcctc gcaagggtggg taaaattggt      480
cctacagata gtcaaattga gttttacagt tagaaaatga ttgggctagg atttgagccc      540
aatgtctgtc agattcctga gtttctgcta cttctactaa aatatgtctg tcttctgtgt      600
tcnngtcttc tgtttgggga caagcagatg atatccctaa caaatcaat ttctttatta      660
ttattctctt ttaccttttg gttcccagca gtacaagtcc cagttttgaa gctcaaaaga      720
ctggtatgag catagctcat cgacgacatg gtg

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<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 3786

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tcenntngaa nccccttaca agctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg ccaaatcctt cagtggatgt gaaaggaata ggagatgaat tatataatcc      120
agaaacacat aaacgacata ctttgttttg tgggacaact gttattcaga ctcgtttcta      180
cactggagaa ctcgtaaaag ccatagtgtg tagaacagga tttagtactt ccaaggaca      240
gcttggtcgt tccatattgt atcccaaacc aactgatttt aaactctaca gagatgccta      300
cttgtttcta ctatgtcttg tggcagttgc tggcattggg tttatctaca ctattattaa      360
tagcatttta aatgaggtag aagttggggg cataattatc gagtctcttg atattatcac      420
aattactgtg cccctgcac ttctgctgc aatgactgct ggtatttgtg atgctcagag      480
aagactgaaa aaaatcggtt tttctgtat cagtcctcaa agaataaata tttgtggaca      540
gctcaatctt gtttgctttg acaagactgg aactctaact gaagatgggt tagatctttg      600
ggggattcaa cgagtgggaa aatgcacgat ttctttcacc cagaaagaaa aatgggtgtg      660
caatgaagat gtttgggtaa aaatccccag ttttggttgc nttggtatng gcttacttgg      720
tcattccccct ttcacaaaaa atttggangg gggggggocn ttttggngng atnccacctt      780
ggaatcttga a

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<210> 3787
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 3787
nccntttttta naccctttttt nctaccgncn tttttgcagg atcccatcga ttcgaattcg 60
gcacgagaaaa agacttataa gccctctgat tgatctcctt tgttggtgac ttcttgatcc 120
tctttaattc aggaatcaca gttagatttc ttagaatcct tctttgtgct ccaagtatca 180
aagaccttat ggggctcccc agccataatg gaaaaagtaa tttctttaac aggggagaca 240
ccagagcaag agcggagatg ggggtacgag ggggtcctca tttatgcagc tggccagagc 300
tctcatcca acccggggct tagtgagggt acagatgtga tgttgcccaa tgtagtcttc 360
cttttctttc tttttttttt tctgaggcag agtctcgtc tgtcacccaa gctggaacgc 420
agtggcgtga tctcagctcg ctgcaacctc tgtctcctgg gttcaagcga ttccccagcc 480
tcagcctccc agcactttgg gaggctgagg tgggtggatc acttgagggtc aggggttcga 540
gaccagcctg ccaacatggt gaaactccat ctctactaaa aatacaaaaa ctggccangt 600
gtggtggcgt gtgcctgtaa tcccactact caggangcag aaggcaggaa aaatcacttt 660
gaaaatcang aaggcngagg ttgcaantga nccatgaanat ggcaccactg cactgtancc 720
ttgggcaaca gggcaagaac tccatcaaaa aaaaaaaaaa aaat 764

<210> 3788
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 3788
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cacgagccac tgctacagcc ttagtccaga nttttctctt tctcttatct aggcgtgtan 120
tatagcctan taaatgttcc gggccctcca gtctatttgt cattcaatca cttgtttcag 180
aaatattact aggcacttat tttatgccat ggcacaattc taggtgctga agacgacaca 240
gctgcgaata aaacagacat gggacctgtt cttgtggagc ttatacttta gtgcgtagag 300
aaactaaaca gagaggtatg aaagatagtg atgggacata attctactga aggttgggtg 360
atcaaagaag ctttgctgaa gagatttgtg ttgatgttgg tattttctaa aaacagatga 420
ccaatatggt taaatttggg tctgaggggag aaggtaacat gagatgagct cagataatta 480
gacaggggcc agatcattta tatgcaaatt agattatgag ataacagaat ggtatatttc 540
cctcatccta tttactgcag caaatctctc cttagttgat gagactgtgt ttatctcctc 600
ttaaaaccct acctatcctg aatggtctgt cattgtctgc ctttaaaatc cttcctcttt 660
cttcctcctc tattctctaa ataatggatg gggctaagtt atacccaaag ctcactttac 720
aaaatatttn ctcagtcttt tgcagaaaaa accaant 757

<210> 3789
<211> 926
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (926)
 <223> n = A,T,C or G

<400> 3789

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atnannagn	tgncctaattn	gncanaaacg	cctnnactga	ggcnacttgta	nnntntttgca	180
ngnncccnan	gannncgaac	aaatccatct	tgtaatgaac	ggngggaaaag	ggccagcgag	240
accacacagc	acatcaatgc	catcaagcgg	gagattgatg	tgaccaagga	ggccctgaat	300
ttccagaagt	cactacggga	gaagcaaggc	aagtacgaaa	acaaggggct	gatgatcate	360
gatgaggaag	aattcctgct	gatcctcaag	ctcaaagacc	tcaagaagca	gtaccgcanc	420
gagtaccang	acctgcgtga	cctcatggct	gatatccagt	attgccagca	cctagtggat	480
caagtgtcgc	caccgcctgn	tcatggaatt	ttgacatctg	gtacaatgag	ncctttgtca	540
tccttganga	catgcagatn	gcactgaaag	ccaggcggca	gcatccggnc	aggcattggt	600
cctgtgtgaac	aggattgtgt	ctctggggaga	agatgacca	ggacaanatt	cagccaanct	660
gcagcagagg	gtngctttcc	tggagggccc	ctgattccat	ctgctttnan	aatgccaaag	720
tnaanataga	gcntnaagca	taattacttg	aaaaccattg	atgggccttc	agngggcccc	780
atagaaaaat	nanaacctnn	ttgnncagtt	ccttnangga	aaaagancag	nnactcctac	840
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nttcnattgn	tgggacccca	nncang				926

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3790

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ggagggaggg	caagtctata	gcatggtgat	aaaaacaggc	ctcaccctct	ttctctaccc	180
acacagggag	catctcagct	tgacttcagg	gatccaggag	ccaccagcca	ccctgtaaac	240
agcccagatt	aatcctgggt	ttcagtgtca	tgggaggaag	gaaggatgac	ctagtaaaga	300
gcaacttact	tactttcttt	ggggtggtaa	ctcattgctg	aactctggat	ggcactgggtg	360
cgttcaaggc	aatgtgattg	aatcattggg	gattattact	gaattaggga	gcaaagtatt	420
cttatggaag	ctgtatgctt	tctgaggctc	accaggccgg	atggcatgag	ccctatcctc	480
tgtttgagtt	atttgactgg	ctttttaagg	gagtcctccat	tttcattctg	gccatgacag	540
atcaagaggt	tatattctcc	catcagacct	tactactttc	ctgtagagtt	gaatattatt	600
ctgattttat	gccatgtctg	tgaatgtctt	tgtgtgcacc	ctaccatggt	atgcatctcc	660
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aagtagtcaa	attcatagaa	agtagaatgg	gtgg			754

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3791

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attcggcacg	aggttactga	tggagagagc	agagaagctg	gtgtttgcag	tcccatctgt	120
cagccttgac	accctactc	ctgtccagcc	agtgtttctc	aaagcgtgct	gatgagcaat	180
gcaagatgat	ttcatgttat	agataagaat	aaaaaaattg	ttttgtgttt	aactcaaatt	240
agaaaaaggc	aacaattggt	atgtgcgacc	tgtggttttg	cagatgatac	tgcttaggat	300
gttggtactt	aagaaaagg	caacttttca	aaaatactat	tagtgacatg	tggaacctagt	360
cctcctgaag	aggactacat	tggggcacccg	gtaattgttt	ctatttgcgg	tactctggct	420
gtgtggctct	ggccacgcca	ctggaggcag	tgtctgagcc	tgtgacttga	gtagtagctc	480
tgtgtcatgt	ctgctgattc	tccccaaatc	ctgaagattc	atgatgaagt	gactgccggc	540
ttggtctgaa	ctagattgaa	aacaataagg	atcccagaac	gatagcactt	tacaatccta	600
taattttggc	tcaaattgcc	tgcagttact	atcttaacct	tgctgttat	gttcattgag	660
caccaaagtt	tttcagtcaa	ttcctgagta	attattctct	gggattgaat	tatgaaatag	720
taaatatttc	cactatgcaa	tcaattggtg				750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

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tttctacct	tctcattgag	agagagaaag	atgccagag	ttaaaatagg	aggtgcttgg	180
gtattttgtt	gaacttcaca	agttaaactg	gcgaatggcg	tccatcagct	gttattcagt	240
ccttgaacag	agcagatatg	tttgtgcgag	gacaaagaag	atgcctcaaa	gacaaagaag	300
aagatgcctc	gtcgtccctt	gagctcccac	acggcatctg	cacatcacca	gtcagcatt	360
tagcacactg	gattgacact	gccatgttag	gtgaggtgac	ggcatgccct	agagtgaagg	420
aatctacagc	aatatgatag	ctaaatgcc	catgaagttc	tggaattggat	cctggattgg	480
gaaaaaacat	ggctctaaag	ggcagtattg	ggacaattgg	tgaaatttaa	atgtagtcta	540
tgtattangg	gataatgctg	ttatcaatta	tacatttcct	tctgttataa	ttgtccttgg	600
tcacaccagg	aaatgtcctt	attaggagac	gcatgcagaa	gtcttttagg	gatgaggact	660
tactgcagct	tattctcaaa	tgtttatata	taaggtgaca	aaaattaaga	aattggtcaa	720
tcttggtgaa	aagtttatga	agagtaaagt				750

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

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acgtaataaa	tgtctatgtt	tctaagctat	cttttagattt	gtaaaagggc	taaaatgtta	180
cttttaaaca	tgtttggttt	attcaaattt	gtttataaat	ctctcctttg	taccctggc	240
taccacccct	cccactcct	ctgcctaaaa	ctaagggaaa	atcctgtctt	tgcccatagc	300

ttcagaatgt	tctgcaat	tttagact	tttttaactg	atcactgtta	agcaagggag	360
gaaattttacc	acttctcttt	gtgatgtaat	attgcacagt	gaccctaagt	ggaagccttc	420
ctgtgtcctg	gatgtgagct	ctgctgtgtc	agtgggtggc	ttgtaagctc	tggctccaag	480
tggttctgag	tgcaaggaa	cgatcttgtg	cagtagaaag	agcttttggg	agttggcaag	540
tagcaaggct	agttctcata	cattctatgc	tctggccacc	tttttctgtg	gcaggaaaac	600
aaaacaggca	aatgcacaca	aactgggtac	atttaacttt	gcctcctgag	ccatctncca	660
agccatttag	ctttggatgg	cctcaatttg	gaacaaggga	acaaacaaaa	tcattgatgat	720
aacgatgatg	accccgatcg	tccttactaa	t			751

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

gncnnttgan	ttcnatacag	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatt	gcttctgttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg	120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta	180
tagctgtaag	cggtaatttt	gaagcaat	tgaaagcatt	ctttcccttt	aagaaaaaaa	240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtga	attcatctag	300
aaacttacaa	ggttgatgct	agccatcaca	tgcatgctgc	aatttgctga	aatgtcttga	360
tccaggggag	ctaaactttt	acaaaaatag	gtttgttttag	aagtcatatc	actacatgaa	420
aaatcaccac	ttttgaaact	tacgggttaaa	ggcagtttct	cttttaaaaa	tgtgctcatt	480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc	540
tgaaacgtgc	atgaaaaaaa	tgaaaaattg	acttcactctg	aaaagagttg	tgtcatgata	600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc	660
ctttgttttg	ccattctcta	cagcagacca	aagagtgcac	caaagtgtaca	ttatttcagc	720
atagataatg	acttgaatat	gagaagtaa				749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

gnnntttgat	ttccntacan	actacttggt	ctttttgcag	gatcccatcg	attcgaaaaa	60
aacaaaaatt	cccataaaaa	aaatagatgt	ttctnacatg	ttgagcatat	atggatttca	120
tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat	180
tcttttaggag	cttcaaaaaa	gggttttggt	ttagtcca	gggtgaaaga	agatctttta	240
ttatttttggt	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt	300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt	360
ttttaaccag	aagaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc	420
acaggttaaa	tgacgggtgca	tcgctcttg	cggcccttg	cagggtcctt	tctccctcct	480
tttacacgcg	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag	540
attaatcatt	tattttgtgaa	gggtttttct	gccttgcttt	cttggctttt	tttaaatctt	600
cacattgggt	tgatcccaaa	atgtttgtgt	tgctccttact	caaaactagg	aaaaacaaat	660

tatgtggtaa gaagctcaga gccacttact taaatctcaa ctagatttat ttgtgagaac 720
atctgttttc tggatattta nacacttccct ctt 753

<210> 3796
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3796
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ttcggcacga gacagcattc gctgaccatt ctccctcctcc acccaccag gacaggaggg 120
ctaaccacag cagagaacct acgctgagaa ctcaccacca gaaaaaatat ctgcttttaa 180
aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaagac 240
acgtatgttc tttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacccatgac tatctcaata 360
ggacaatgac aggatacaca atgggtttatc atgccctgac ctgcgagcag tgaccaagaa 420
ggaggggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcattg caaactggga 540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggctc aaccattaag tcagagaccc 660
tctgtgcata gacttggcat tggcccatga caagtga aaa gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3797
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gctcagagcc ttcccttgct ggagccggtc cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttcctgct gggcctgtcc ctggtgggtc ggtaccacag 240
ccaccacac agcccggtgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggtct cagggtcca gcaatggctt ccagccctgc ctgcctctgc tctgtctccc 360
ttactattct ggcaaccacg gccccagtc caagatctct cctttctggg tgatgctccc 420
tcccagagca aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctggtgg agttctacaa 540
gggttcccct gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctccctggcc agcaggacgc ccaaggacca gacctgtgtc aacgttctgg 660
aacaagtgtg ccggcgttct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aaggtccgga tggct 745

<210> 3798
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

nggccntttt	tgaaaaccct	tttcaaacta	cntgttcttt	ttgcaggatc	ccatcgattc	60
ggaaatccct	ctcctgacca	cttgtcagaa	atcagaaagt	gtggaagaag	aaaatattag	120
ttacctaaat	gagagtcttg	gggaagagtg	ggattcctct	gaagaagagg	actctatggg	180
gcccacttta	tgcctctctg	agagtcttgc	ctggcagggt	aagtgccttt	taaaatattc	240
cacaacttgg	aaacctttta	atcctaattc	ctggttgtat	catgctaaac	tgttggatcc	300
aagcacacca	gtccatatac	ttcgagagat	aggtctaaga	ctctcccat	gttcccatg	360
tgtcccaaaa	ctggaaccaa	ttcctgaatg	gccccctctg	gcctcttctg	gagtcccacc	420
ttttcaaaag	cctcttataa	gtcccagccg	gctctctaga	gatcatgcca	ctctaaatgg	480
agcactgcaa	tttgccacca	aacagctaag	ccgaacattg	agtagagcca	ctcccatacc	540
tgaataccta	aaacagatcc	ctaattcatg	tgtttctggg	tgttgctgtg	gctggctgac	600
taaaanagtt	aangaaacaa	cttggtactga	ccccattaac	actantttat	ttttacattg	660
gncttccaaa	agggcagggt	naacaaactc	cntaacttgg	anttccttgg	aaaaaaaccn	720
ncntttggc	ctctgaanat	ctnnngnngn	gggctaaatt	gganaaaagn	gggtcccaaa	780
at						784

<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3799

gcnnttnatt	anacagcta	cttgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggacaaag	caaaacatca	acattaagtc	ataggctagg	attatacaaa	tgagaacccc	120
caccttatac	attacttaat	ataagttaac	tacaaagagc	ctctccactt	acatttttat	180
catgcatctt	acattttta	gtccttattc	ttttatagaa	aaggtcataa	tacccaataa	240
aaaagaatct	gtaatatccc	tgatgcagca	acaattgatc	acatgctttc	acatgtgacc	300
acaataggaa	taaaataaca	gcgtaaagaa	atgtgaaagt	tgtattacat	cattattcac	360
tgttcaaaaa	tttttttcaa	gaaacaagta	cactttcaat	gaaattacaa	tgcttcagaa	420
aatctccctt	ttaaagttaa	atacaaaaac	agcttttagt	gtggattcat	ttttatactc	480
aatactctga	tttagtgtaa	tgtctgaagt	gtcagtgctt	tattctagt	taaattctca	540
tatttacgta	aaatcaattt	tgaattaaat	atgtttttca	tatttacatc	tgcaaaaaata	600
tacttttagta	taaactctct	gatgttttct	aagctataga	ttttgaaaaa	aaaagtcttt	660
ccaaattcat	tatatattga	ggactcttct	ncaatataaa	ttccatgatg	tggaataaaag	720
ctggagcaac	tgcttcangt	tttctcttag				750

<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 3800

gaaattcata	canctacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
atctgttact	acttcagaaa	ttgctggttg	atgttaggcc	cctcctatct	gtgctctctc	120
agctacagtt	tcccgtttga	gcatattcat	tcttttttat	ttttgctctg	aacaaaaata	180
ttagagttac	aatattacta	tattccaggc	cttgctagaa	actggggata	aatctatgaa	240
tatggtcgct	tccctggaag	acctcacagt	ccagggaagc	caaaccctgc	agacatgcag	300
tagacttagt	ggtctctctt	aagggttgctt	gttgagtttt	gacattggag	attatgtaca	360
gacttgaatg	actagtttagc	ctcaggcaca	gcattctggt	tggcnttggg	gggggggggn	420
aantactgcc	tctcagcctg	ggcaagtcac	ttagagatcg	cctcgtcact	ctnccatcct	480
ttgctgatgc	ctctggtcta	ntacctctga	ctcagcttcg	ccttttagaga	tactcatgct	540
ttctggcaac	agaggtcctt	caaaccctaa	ttcctattaa	aacttccatc	acttaccgcc	600
cttctttttt	aaggggacca	agccagnttt	attnccccca	ttttncagg	tnacttggtc	660
ccttgggccc	aanaatgtgg	tggaaaattt	ttggggcaaa	attccccntt	ttttcccttn	720
ttttttnttg	ggancttcna	nn				742

<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3801

gntnaatttc	aaagacgctn	ttgttctntt	ngatgntcnn	ancgactcta	nttcngcacg	60
agtggcagtg	ggagtcgaag	cgagggtctg	aagttcacga	ctactagaag	gggaggggag	120
tggaaaggct	ctcagtgaaa	aangtattan	aattatttct	gaattatcag	tctctcattt	180
gtgctttgga	gaagcanaaa	aggcaaaagg	ggtctttggc	catcttctgc	tggagcttcc	240
agggaggatg	tgtctccaan	agaccagatg	tccgagtttg	aaatcccaga	accangagg	300
aaaagaatca	cagggaggaa	aagactgtcc	aaaggctcct	ggagtcttct	gttctctaac	360
cttgggaangt	tttgaacaat	atttctcana	ngatagccct	ttttttccaa	cctttttttt	420
ttntcatctg	tccagcatga	ctcatcccc	gggagtgggt	gaatgtcttg	tctttcaccc	480
aagaaaggac	ggacttttgc	attgggcttg	taaatttggc	ccactgggtg	cttaatggga	540
agtaaaaaaa	agagtcnttg	cttaccatgc	cggggaacct	anaaattacc	atcactggcg	600
tttttttngc	ttttggttct	tcaatggggt	tggtagggtt	attgaaatta	tttantttnc	660
caanaaaata	aaaaaatggg	atttttaaaa	aaaatttttc	atcccccggn	nnaanttttt	720
ngnnnnnnng	nttgggaann	ncnnngcncn	ntattnannc	tttnnnnttt	nnnnncntt	780
ttttt						785

<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3802

gttgantttg	aanccctctt	gttcttttgg	aaggctccca	tcgattcgaa	ttcggcacga	60
gagatgttat	aaaatgtgta	ggcttttaat	atataagtta	tttgggctcc	tttgttttgg	120

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gcataacttna aacagaagaa aaccccttct gggggcagaa aagctagaac tggatatcac 180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggta 240
gcctaaaata ggggtctttct ttaccacaag ttagatccct ggcagcaatc tacttctcga 300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg 360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttaa 420
agctttccnc ccccttaaag aaagacatcc aatagaagtt gccacttctc catttatcaa 480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta 540
actattttaa gactaaaaca aaataactta tctgnntttc cattttacta cagtaaatgg 600
gtattaaaaa tagttcacat ggcttttctt tttaaattca aaaggggtatt aacctgggat 660
ggtggaaaaa cccaccttta nccacacctc cttaaaaata ccttaacctt aacttncctta 720
aaaccaattt acccaganca actngggggc t 751

```

<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

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cttaattcca tcagctactt gttctttgna agcattccat cgattcgaat ttcggcacga 60
ggccatccct ctctctggct gtagactgag gcttttctct tgcttcaagt cagagcagna 120
tttggtgatn acctnncaat aatgtttggn nnacatgcc a ntnattaaat taattcaaca 180
tgaagttgaa tttgatgaaa gtggtcatcg tatccangta ttnggctttt gaangttttg 240
cangtnaatg gagatggaac tcnccctgnc acacacnctg aactncantg gtgcaatctt 300
tgnctcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta 360
gctggaatta caggcatgtg tcaccananc ccgggggtta aaattntttt ttttnatttg 420
aggaaaagcn gggtcacat gtaggcatgc tggtnctnaa cccctgacct nangtgatcc 480
acctgncntt ggcttcaag gngctgggat tacaagctta aancaccatg tcagccagcc 540
aagtattngg nttttnaaaa atttganntt tcntttgcgc aaaggggaata naattttcct 600
nctgggtnaa aaagaaacct tttnaaagcc cnccttntt ttcaaaaanaa aaaattttta 660
anttcntttt gggnggtaaa acctggcctt naaaaccct ttnacttggg caaaataaat 720
tttaattttt ttccccctt tnannttttt 750

```

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

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gggaggctga ggcaggagna atcacttgaa cctgngaggt ggaggttgca gtgagccaag 120
attgcgccat gcctgcagcc tggcacggcc agngnctcct tgtcaaaaaa aaaaaattaa 180
tnaatgcctt tggctaaacg taaaagcntt tnttgacca ncttaatgct taaaatctgt 240
tttngttcca ggtgggttgt taacagggac tcattttttt ggtcttggat anggatcccc 300
gctactcaa cagaaaatgg aaggaggaat ctggttaaag aaaacaccag tntccagaat 360
ggtgaagntt tggnaagaaa actcctttct tgcctaaaga aaaattttaa aggttnggnc 420
cttttcccaa aaaanccna cacttttttt tttcttgant gaangggctt taaaattttt 480

```

```

tnggaaatag ttttaccaaa aatgggattt aaaaaaatcc taccgatcaa gatgagttca      540
gctagnaagt cntncncct caggatcagc ttaagtattt tacttgattt ttttaccaaa      600
tcaatgcncg tacctacctt aatccttnaa ataagtttan aatttaccta accccaaagt      660
ccaggagggt gttnttacca aaaaatagct ttntcaaggg ctggcnccta a              711

```

```

<210> 3805
<211> 668
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

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```

<400> 3805
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gtctgatgtt acctntggga ttttttggtt natgctcttt atgtgtttga ggaaaatcct      180
gtctactcta gtttttagga aggangnccc tngaactcggg gttgnatact ntggcgatat      240
canaatngct atggngngng ncnnngnttat ncncattaag ctcggaata ngtgggtggtg      300
cgacatcaca atgaccnata cantactgna ngggccctag cnnccaatcc ttanggttcc      360
nnncatttnt tctggctcng aatcaactgc atggncantn ngccccccna nnngaantan      420
ggaaggannn tcacataggt acatgtgact atccttactn aatctggctn taaaaacatg      480
gtcctnnaca tnaacatntt anancatact ttgcagatnt ttgcgggctg cnetgaaatg      540
tcccataaac aacntnntta cttnanggae aaaaataact ccatgggggn naaanaacca      600
tggaggaang aaggnaaagg gcccncatg ccnetgcang tttancaagg gcagnttatt      660
tattctta

```

```

<210> 3806
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

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<400> 3806
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gggtgggctc cttatcagat gcctaaaaacn tnttgccctaa agctcgatgg gttctggagg      180
acagtgtggg cttgncacag gcctacagtc tgaggagggg gagtgggagt ctcatcaanc      240
tnttnggtct tggcnttatg gcnaccactg ctcacccttc aacatgcctg gtttacgcac      300
natcttgntc atgggaagag gtnggtggna gactctcana gctcaagatg ctntagagaga      360
aagntccctg aactgggccc atctgacttt ctacctacc ctttggtttt tttggcncct      420
ttntcccac tcaatanctt ctggcagnat nctcctgagc cacatgtgcc angactgga      480
aaaacctnca tctttggcnt cccaagagct ntanggactc ttcacagca ctagatttgc      540
ctcntctaag tntctatgan ctgcacccat atttnataaa ttgggaatgg ggtttggggt      600
atztatgcnn ncctataaaa actatactga gtcgtntttc gnananncaa nacnttataa      660
gnatncattt gatnnanttt ggnccccccc ccttcttana attnggn              707

```

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<210> 3807
<211> 698
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (698)

<223> n = A,T,C or G

<400> 3807

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tttgataaaa	ggttgctcagt	ttaatatcca	agcaattaat	aaagacaagg	tgtgagtttt	120
tctgttaatg	cacctctgtc	tttaatgttg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtgc	atgtctgttg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aatctaagca	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaaggc	cagaaatcca	tcttcataatc	atTTTTTTTT	360
TTTTTggaat	cnaggtcttg	ctattgttgc	ccaagcttaa	aaaaattggc	cggggggggn	420
ngctttttna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggtt	aaanganccc	480
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taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	ncttttccctn	tttacctttn	600
aaaccgggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccataca	agccnggggt	660
tggggtcctc	ggggggaaca	TTTTTTTTTT	TTTTTTTA			698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 3808

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ctcaggggct	gagccattgt	tgggtgctat	tacttggtgt	gggaaccaat	anggaacaga	120
aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagtgttg	gccntctgct	cctccgggtg	ctgagtgttg	240
ataagaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaagga	gcacttatTT	tttggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tatttttgctc	atttgnnggt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gccntangat	tcgaattcgg	60
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cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtgagtggc	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaaggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tgggctcctt	ctcactgcat	tggagggcct	gcggcgcan	atggtcctcc	accctgggag	300
actccgtccc	tgctctctta	ggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cggcatgaac	cgagccttca	gcttgccaac	nttcnttggg	aacctntttg	420
gnntgaattg	caanttgagg	gtgcnngcca	tggacacccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgcagc	cctgccggcc	ctanggagga	540
aggaagtcca	acttcagtct	cagagattct	gatgcagtat	atcaattgng	ggttggctgt	600
ggccaagaat	ttttaataac	ttttnaaata	acctttcttt	gggtatttac	caaaaagccn	660
aacttggtan	tttgggtcaat	acaaattttt	cacaaaaacc	ccctttaaan	ccaaaaaaa	720
aaatttt						727

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3810

nttcnntttg	aanccttaca	nectttgttc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtcg	tcggttttct	gaggggtactt	cagctgacag	agagattcag	agaacgttaa	120
tggaggtaat	atttggtaaa	gggggtttat	aaagaaacca	atgtttatta	aatgaagaac	180
tgaacattgc	atatttgata	gtcaaaatat	atagaacatt	ttaaatgaaa	tatgaaattt	240
gaaaatattg	tcaggaacaa	acatgtttct	ctatcacaaa	ctctaagaaa	atgactactg	300
gaaaataaag	ctatctgcca	aattccattt	ggtatacacc	tgtactattc	tgtgtttttt	360
gagtagatca	gtcattcata	tattttaaatt	cttatgaatg	tggaaatcctt	ttgggccggn	420
gcgagttatg	aagacatttt	tggnatggca	tattaagact	gttggcaata	aatgagctta	480
attatgtatg	aagctgctct	aaaaattatt	ttttctctca	ctttattgct	gagactgagg	540
caactnaaat	agntttgata	attggaagan	gatnnatgac	agaatgaaaa	gaatgcctta	600
aaggnccttt	ccttccnagt	ttttaccctt	tccccactt	cccaaaaatt	cttntggaaa	660
aggtggaatn	ttcaaaaaat	tnccaaanta	ccattttttc	ccacctttca	aaattgggaa	720
aacntaggt						728

<210> 3811

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

<400> 3811

gnntnannac	ngaaactntt	naactcctgt	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagg	tggctgttaa	gaaaacantg	gttttttctt	ttaagggtgat	catttcatgt	120
tcctatggta	tggatgcatg	tagacctttt	angaaacagt	taatgaagtt	taatctgctt	180
atgtggaagg	aaaaggtttg	aatggaaaag	gcttcttggc	atgcaacgga	anccgccctg	240
cttttccccc	gatgtgtcta	tttaggaaca	tttctgtgac	acttgccctg	gcgtctgcaa	300
cctgctacgt	ngctccttga	tgganggaan	aagcctggcc	gtggtanagg	gaaagctgag	360
ctctgttggg	aaaatgagag	ttcctattgg	agaaatgcct	ctgggcaacn	tgntcggcct	420

ttncnnnaaa	ngttttggggg	ccgacatagg	ctgtgtacaa	gccanagtcn	aaggtattaa	480
aacctaacca	gccantgcag	aagtcagntt	gggagggttcc	nggaaagtgc	ctaaactaag	540
gcccnaaaaag	gaccaaaangg	gcccggcncc	cccaggggta	nttaaaaaaa	ttaaaaaaa	600
tccanccctt	ccaaaggncc	cttaattntt	ncaanttttt	cccctgggcc	ccttaattcc	660
ccaattcctt	tnngggncctt	tnngggggaag	agcccnttna	aaattttngg	gcccancctt	720
cctttttggg	cnnttttnaaa	aaaaaaggngt	gggnaaangg	gggnntttttt	tttttttggg	780
nccttttccaa	attgggggna	aaaaaagggc	ccttggggccc	cctttaaaaa	ggggggggccc	840
ttggggtnaa	ncctttccaa	cnntttaatt	tcccccccaa	nttttaaat	ttttgncccc	900
tttaattttt	aaaaatncct	tnccccccat	n			931

<210> 3812

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3812

gggcentncc	tnaacccttt	gaaactaccc	gnnttttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gnaaagaact	caaagggcag	caatncnttt	aagtaaggaa	accagttagg	120
agataattgt	ggtaatccag	ggaaagaaaag	atggcagttt	atactggggc	attgccagt	180
tggatagaaa	tagatctcag	aagaatttta	ggaagtagaa	gtggcaaaac	ttggtgactg	240
aattgtgagg	gcagaagtgg	gagaaatcaa	ggatagagtt	tcttaaacaa	gctttggtga	300
agacagggac	taccctat	gctgtcatgt	atccacagct	tagcacaaat	ctttatacgc	360
tggagatgct	tgataagtac	cgagtgaat	tttctggctt	gagtacccan	ataaatggga	420
tgccagtctc	tgatttaggt	aacacagagg	cagactcact	tgggaggtaa	ctggtgattc	480
anttttaaac	atgtctagct	caacatgcct	gtgaaacata	cacatgacaa	tgtccagata	540
cattggcaat	tnngatgaat	tgatttctgn	aactcaanaa	agagaggtct	gagatgggat	600
tctttgcata	ccttaccaaa	aaaaaaaaag	ttntgtttt	tttngnaant	naacncgntt	660
ttntggccnt	gttaatccca	ntnnctttng	gggaggccna	ngnncggggg	ngtnnnccna	720
agggntcngg	nntttaanan	cntccccan	cccaaaatag	ggngnaaaac	cctttttttt	780
tttaaaaaaa	aaccttcn					798

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

atganncttt	tacaanctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggagaatc	ttatatTTTT	aaaattgtcc	ctatgttaaa	tccagatggg	gtcatcaatg	120
gaaatcatcg	ctgttcttta	agtggagagg	atttgaatag	gcagtggcaa	agtccaagtc	180
cggattttaca	tcctacaatt	taccatgcta	aggggctgtt	gcaatacttg	gctgcagtga	240
accgtttacc	cttgggttat	tgtgattatc	atggccattc	ccgaaagaag	aatgtattta	300
tgtatgggtg	cagcatcaaa	gagacagtgt	ggcataccaa	tgataatgca	acttcatgtg	360
atgttggtga	ggatacggga	tacaggacat	tgcctaagat	actgagccat	atcgccccag	420
cattttgcat	gagcagctgt	agcttcgtag	tggaaaaatc	taaag		465

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (516)
 <223> n = A,T,C or G

<400> 3814
 ttcatttann ctnttttttt gcaggatccc tcgattcgga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggt aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagttntggg naaccanncn 240
 taagccataa gttcccctgg ggcccctggg ganaaaagnt tcaatcacng ggccaagggc 300
 ttctggncoc cattnattgn cttggacaag aactctgggt cacaagtctt gctnnggtctt 360
 gctgggggaan cccnaccnga cattgggcn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaaatacac ttncagctct taaccaaggc ttncctttcaa 480
 gtcacaagtt gttgccngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctggttc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 gggggtgact acagctcacc tgcagctggg gagcaacttc aangegtgag acccaggtgg 120
 gccgggcctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnactgttn nnggtnttn tctaggngc cttaanttan cacatcnnnn tncctcgnta 240
 gnnnaaatgn cctentatna gcatnccttc cttenctgan tgntnnatga gagcatgatn 300
 tataatgcct gaaaganccct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnncnc nctngngna aagagaanac tgacaannng 420
 gnntantnt antnctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgag gatcccatcg attcgatgcg cttattaggt 60
 attttatctt tcaaaaatat atgtncccaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgt 180
 gtgcagtga cttctgtagc acccaaattg tgggggtggg gaaaaaccat tccaccttaa 240

aagaaaacca	agcctttctg	gcaaaattgc	tgattctagg	ttttggccaa	gaaatgtaca	300
tgctgactgg	aacattgcat	aacagttagt	aaggaggctg	ttaaagacta	tttaggggtca	360
tttcagaaaag	actggagaaa	tgactgtaga	attcccactg	gcccagagat	cnggtagaaa	420
cctgtgaagt	gtgtttaaat	tcttgagttc	ataatgggta	ttttaa		466

<210> 3817
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 3817	
tgcctntcag	ctcttgttct
aaactgcatt	ttgggggggt
ttgaaaaatc	aagatggatt
aggaaacagg	gattttactt
gtagttgggt	tgttttataat
aacattccat	tgaataat
gttnaatatt	gtggcagcat
ttccaagtaa	atcattatta
	tctaaacagt
	gtctttttn
	60
	120
	180
	240
	300
	360
	420
	459

<210> 3818
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3818	
nnntnctan	tcaagctact
anatgaaaag	gngaattgga
gtnttctctc	ctcacttcag
gnnngcncgt	ccgnnctgct
ggctnccttn	ctcnnntnct
nagcgcaaga	gncnttgact
atgcatgatg	atgngcata
ctgtccttcc	nacactatna
	gaggcngaag
	cnnacntgat
	ctcct
	60
	120
	180
	240
	300
	360
	420
	465

<210> 3819
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 3819

tannatcctt	ancnnnnnnc	tacttggttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgctca	gtccttattc	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaactgt	tattaactac	attaatgtta	gacaaagtac	180
actttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcatggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctggtat	ctggttaatg	tactttgtac	cagttaccca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccgngaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngcctttc	tatggagtca	attnatgtnc	240
ctgatcctgt	cattttcaata	ncaatgaagc	cttctnacaa	naacganctg	gaaaactttt	300
canaangnat	ngnccggttt	accagagaag	atnccncatt	tnaagtatac	tttgacactg	360
anaacnnnga	gacagntctn	tctggnatgg	gagaattnca	cctgcaaadc	tatgtctana	420
ngctggaaag	atgagntntg	gctgncttgt	ntcacaggaa	ag		462

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3821

cttnnttaga	tacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggattcatc	ttcttggtct	ttaaaagtca	aaaggctttt	tgacctttaa	ataactctta	120
catctgggtca	tcactgttga	aatgtttctac	taaattttca	gagtggaaaa	gttttaggct	180
taaaactgac	tggtaaaaat	agaatatattc	tttgtattga	tttttcagta	tagctgtaca	240
gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	tcacatttgt	aaatattgag	300
cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	ccccaacttt	taacattgta	360
attaaacatc	ctgtataacc	tattttattc	tctgccaaac	aattttatga	ctgctgtttt	420
tactctttgt	gatgaaaatg	ggatggagaa	gataaggttc	tttg		464

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3822
 attncaatac aagctacttg ttcttttttg aggatcccat ccgattcgaa ttcggcacga 60
 ggcantagct gtggggatgg agaaaagtgg acaaattaat tagagagatt tagaggcaga 120
 ttggtgattg aattgagcag ggcagtgaga ggattcccag gtttctgact gaggtgtcta 180
 agtggggatg gtgatgaaag ggggaatatt gggagaggat cacgtttgga gggagactaa 240
 ggcaccatca gtattctaga gattagaggg ctgtgagaga attgtgatan gagggattta 300
 ctctttggca gatatccaag cgtggaaggc ctgtttgatg gactgtcctt gataatcaca 360
 ggcaggtata ncctcaaggc tttgaggatg gctctaaagt acatttcaaa caccacctcc 420
 tccacaaagc ctttctacta caactccatc ccctgagtag agt 463

<210> 3823
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (470)
 <223> n = A,T,C or G

<400> 3823
 anaatacctt tacaagctac ttgttctttt tgcaggatcc catcgattcg nananataa 60
 aangnnaaaa tncagcaatg gtncacaggc tnnncctaa nnnatctgcc tgctgncatc 120
 agagccnatg tntctggcgt nntntctggg gntacattat ttaggccant ntatcanggc 180
 caacccctcc anctgnctan tagangccat gnccactngn taattcaagg gccagctcc 240
 aggnnngttt ncttctctng gggancatca gttnncttnt nnntaccacg ncattcccat 300
 tngcatgttn tngccgctnn tcttaataga taatatnnaa accctnattn ctncgctna 360
 ctaantacca tcattnatnn agtaaaanat ctnanaaaag nngncaancn agnngntnnt 420
 gatnctnctc ctccctctcc ccacctgtgt ttttaanaga caggattccn 470

<210> 3824
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3824
 ttanttcnat acaagctact tggttctttt gcaggatccc atcgattcga attcggcacg 60
 agaattcata aaaggagtta gttgcagtca tgtgtggcct tgtctagaag caaaaattat 120
 aatatcaaaa gctctacgta tgaattgggc cttaatgtct ttgtactcat ttattctttt 180
 attgaaaaaa agctctaaat gcctattttg tgtcacataa ttgagatttg ctttgaaatg 240
 tctgattctt tactatagta ctatctgagt tgttcacagt ggtatggtga tccatactct 300
 gaactgttcc attatctgga attaaaggca tataataaaa agaaatagac tgtatttagt 360
 ttattctagt gtaataaatt gaaaagtaaa tagatgatta gaagcaagtg ttccaaataa 420
 aaatttatca gcagtataac aattctatca ttcattccaa cttgg 465

<210> 3825
 <211> 460
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (460)

<223> n = A,T,C or G

<400> 3825

cnttgnttcg	atacagctac	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggagagtct	cactctgttg	ctcaggttgg	agtgcaggca	tgtgatcata	gctcaccgaa	120
gcctcaacct	cctgagctca	agtgatcctc	ttgccttacc	tcccaagtag	ctangaccac	180
aggtgggcat	gaccacacct	ggctaagctt	aaaatttttc	tgtatangtg	gtgtctcact	240
atgttggcca	nactgggttc	agatgcctgg	gctcatagcn	gtcctcctgc	ctcaaccttc	300
caaaggctgt	tgattgttta	aatacgaaaa	antttagaan	atatantttt	acgcacttaa	360
ttnttagtct	ggtgatatac	catccaaaaa	gcntctnatg	ctgggcacng	ttgantcatg	420
cctattatnc	cagcacttng	ngaggccnan	gcnggangat			460

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3826

nncnntttga	ttcnatacan	ctacttggtc	tttttgcagg	atccctcgat	tcgaattcgg	60
cacgaggctc	aatcaatatt	tattgagtgc	ctacgacata	tcaggctcag	ttaggagctg	120
gggataaagc	agtgaccaa	gcagacacag	ttccttctcc	agtgagatta	taatccagat	180
gggataggct	ataaataaag	gaagaagtta	acatatatca	ggtgggtggt	agtgtgtctg	240
agaaaaatga	aggaggggag	agagaaaagg	ggatgccaca	aggctagggt	agagagtctt	300
gtttcataca	gtggtaaagg	aaggcctttg	tggtgagtgc	tttgctctgg	aacgacttta	360
ggatggggaa	gaggcccagg	tggcacctag	acatttgaaa	gtaagggctg	aggctgcatg	420
tctctaccta	tattttcttt	catgtttgcc	tttcatggat	tttttttcta	tgtatctaga	480
attaaatata	gaactagggt	gaaatatccc	tcaaaaatgg	tatgggagca	actattagaa	540
tgaataggac	tcttggggcc	aatgggatgg	aatgtctgtt	tctggtcaag	aggattgatt	600
ttgatactgg	aatagaatat	tcacatatat	cttcccattg	cctgactnca	atgggtgcct	660
agctttccat	caaagtggga	cttgggtgagg	tggggatgtg	gatgcatatt	aattaaggta	720
cagctggcac	cggcttaa	agaagggaag	g			751

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3827

tnncnttcan	acangctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaaacgacc	acctttacga	gaattctttg	tcgatgactt	tgaagaatta	ttagaagggtg	120
agagaactct	ttaccacacg	tttcttccag	atgctcctat	ggtcccgtaa	acaatgatat	180

ttttttctgc	aaggctat	tactttttaa	gagcagtaat	cgtggcattt	gccgcatgat	240
gggaacccan	gtaggagcg	ggtgatgttc	ccaggcagcc	ttggtgtcgg	caggtctcta	300
aacctgggtg	ttagtctcc	tctgtgggag	ttgattttgt	tctgtgaccc	aggtcaggtc	360
tctctctaag	aactctgtaa	gagtatagaa	atacaagtaa	agtataaaca	tgtagaaaaa	420
caagtaaaact	ggggaaatcc	ttcgctggca	gcaaaactgg	cgt		463

<210> 3828
 <211> 747
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3828						
gcnnnttgn	nnatacanct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggagtt	ctcttgtgtt	ttactctttt	tacagtga	ccagcagtg	gtgtagcagc	120
agtgcactg	ggctctttac	caatgatgaa	gggcgacaag	gtgatgacga	acagagtgat	180
tggttctatg	aaggagaatg	tgtcccagga	ttcactgtcc	ctaactcttct	gcccgaagtgg	240
gctcctgatc	attgttctga	agtagaaaga	atggattctg	gattggataa	attttcagat	300
tccacattcc	ttttaccttc	tggccagct	caaagagggt	accatactcg	cttgaatcgt	360
ctacctggag	ctgcagctcg	atgcctcaga	aaggggcgaa	gaagctgggt	gggaagggtga	420
tacctctcac	agttagcttg	gctcagtg	gagataatat	tccctatggg	agttgtgtat	480
cctattaaca	atcagaggtg	ctacagaact	ccctgaagtt	aatggagcca	actggaatgt	540
gttgggagtt	tacaagagtg	aacattatgt	agcatgtgaa	tggatataca	aataaaagat	600
gaaacgtaat	tcatatagaa	gtactgacaa	aaaaaaacac	tgtcattaca	gtgtctattg	660
cctgtaaac	tacaagcctg	agctgggtctt	ctgtaacttt	tgattaatgt	tatgttatta	720
ttgggtaagt	taaaatctct	tggtcttn				747

<210> 3829
 <211> 468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 3829						
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cgaggtaaaa	cacccctac	agttccaatt	ctgggcctgt	cttctatcta	tctttgccct	120
tctggtecgt	tccctgttct	gagccccagg	gaacttangg	ctgaaagtca	ccccgaagc	180
ctcagaccag	atcgggaggc	cacacgcagc	tcattggggac	agagggccca	gggtgacggg	240
ccactcatga	gaagtgtctat	gtgactncag	ggagtctgtc	cctcttccgg	gtcctaattcc	300
ccagcccaag	ctcagatgac	ccagcctgtg	tcccttttagc	ggccgangag	ccaccacctg	360
ttcgggggct	ggaggatggc	ttccaganga	cctgggacac	tcacctagct	cgttcattggc	420
acggcggtac	tcctcatcaa	aggacaagct	tcataacagc	acangtgg		468

<210> 3830
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 3830

cnttgatncn	tatacancta	ctcnanctct	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcagc	aggggggtctc	ttctactgtc	ttattggacc	ctagcagtg	ctctgagcca	120
gcagtcctgt	cagttgattt	cttggtcggt	cctttgtttt	cttctataat	cacatgtgga	180
ctcagaatga	atthttgagtt	actctgaaat	ctattttatc	aacagatatt	tacttagtac	240
ctcctattgc	cagactctgc	tttatgttgg	atattattht	ttaaaagccc	accttgccca	300
gatttctctc	aaggaccagg	tggcttccct	ggttttgaaa	gaccctaatt	cttactatga	360
tcttaagtaa	attatatcct	ttctgtgggc	tcaagttctt	tctaagaggg	ctctttgggg	420
ctacaaaaga	aattgttagt	gcaaaaagag	tttataaggt	ttataaa		467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3831

tnnttnanta	ctnnaantcn	natacanctc	acttggtctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagccgag	ctgacaagtc	aactctaagc	acttatctag	aagactgtaa	120
atttgacaga	gagcgaatag	aactgttttg	cacggaatat	cagaataata	agaattccct	180
agaaatccta	ctgggaagta	taggcagatc	tctccctcat	ataacggatg	tttcttggeg	240
cttggaatat	cagataaaga	ccaatcaact	tcataggatg	tacagacctg	catatttggt	300
gaccttaagt	gtacagaaca	ctgattcccc	atcctatcca	gagattagtt	ttagttgcag	360
catggaacaa	ttacaggact	tggtggggaa	acttaaagat	gcttcgaaaa	gcctggaaag	420
agcaactcag	ttgtaacttg	gggaagttaa	cgatccgccc	gagtgccagag	g	471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 3832

tataccattt	tgaattcnna	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	60
ctgctaaaag	gcggatagat	gttcagttcc	tccatgaaat	gagatttagt	tcccatgtaa	120
tggcattttc	cataataact	gctgatatca	tcaaggtaaa	gagagctgct	tctcctaact	180
acccatgaaa	gaatttagct	ttttatattt	ctacctctcc	catatagttt	aatctctccc	240
cactgcgagt	atgactgact	ccaaggtatt	gaagtctgtg	ctctaattgg	gaattcaatg	300
aacaagactt	cagtgaatga	acttttttag	ccatattata	taaaatgaaa	aaggatctgc	360
tcctcatttc	aatctcctgt	acaattgctc	ctgaacagta	gtacagaatt	gtagagatag	420
cacattatgc	aacctggctt	tttatctgag	acataactta	tgaaagcaca		470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3833
 ntccnttggga ttcgatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagccc ctgtgcccct tccccaggaa atcaagtcct aaggaataag agtttggtgg 120
 acagagttga gccttgagg gacacaaaac attgtaatat ctaagatttt tttcatactc 180
 tcccagaaag aaccaatttt caccctgggg tggcgggggtg gtaaaaattgc ccctgttcag 240
 aatacatgct ctaataagcg gcagccatgg gatatttatcc taatactgag tctagatgcc 300
 aaatcttttt caccctgtct caaaacaaac aacaacaaca gcaaaaagat cactttggct 360
 gtttttattt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
 aggagaaaaag caaatgagtt ttgaataaat attttccctt atctt 465

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

<400> 3834
 tgccctttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aaagcatgtg tgttgggggg tgcgtatcat tttaccatgt gataagcact 120
 tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg 180
 catgtgaatt ttattttgat taatcgcttt ttttgctttt cagcaatgtt atttatgaac 240
 aacaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca 300
 acaaagacaa aaaaatgggtg ggattgattt attttccct gacagaattg attgtttctt 360
 taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc 420
 tgacttggca gctccaaggg acacacctca atgtagagaa agcaggaat 469

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3835
 cnnatntgg ntcccggttc aagccacgag cccattttgc aggatcccat cgattcnaat 60
 tcggcacgag gcacaggcca cggagagaga gaggcggggc ctggatgaag ccgtgggctg 120
 tgggtgccgtg cgaggcccan catgcttggg ggaaagggtc ccgtggctgt caagtgtan 180
 ccaggggcng agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca 240
 aagggnattc aaaannccng ggtcagattg tttcttggat tacnctgatc gtctggcctg 300
 ccttatccac cctggaaaagt tctaagcaga taatanntat gtggcatntc tgaggttttg 360

```

atgccccgag ccgtttacaa tatgcttccn gactgaaagc tgggccctga ntnnctnngc 420
tgagnnetac nttggaaacc acgttccccct cagnctcatt atcac 465

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```

<210> 3836
<211> 1039
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1039)
<223> n = A,T,C or G

```

```

<400> 3836
ccagccanaa nacngngana aaaggncnga cgnanacaga nnncgannnc gacgcengnn 60
gaanaagcan anancacccc cccaggcggtt ggaacccttc anagncgacg aaggcagacc 120
cacgancgaa ccggcacgag actgannaga ncnggcncga aaaagtgtgn gccatactga 180
gacccacggg cagcncncnc gccnctacag ngncaggngg accagggaca ccncnggacn 240
gcgcanacn gagaannaag gaancnangg ccggcacgaa gggcaaggga gggannnctg 300
cacgggacgg canaacngca agccagcctn caagcnggca aganccagcc agngggcggc 360
aaaaacaaga aacagcccga ggcnacgccc ggcnncnaac caggcccnaa ncaagaaaag 420
anaagcaccn gngcnggacg gcngnaccca cacaacgggc acgnaaaaag ggcngcccgc 480
gnggacacng cnnnncatng gaaaccaccn ccnggnaaaa ancaccanaa gggggccngc 540
anaaaacccg aacnggganc aagngccann cagnncgggn aaanaggang naaaaacngg 600
ccagnnngcn accngggaaa aaaaaaacgn cncnncnatn gncgcnnncn cnnncacggc 660
aananaccan agcgggacag acanngancg canacanang cgancggaga ananggaaag 720
aaggagagaca aaacagcang annagcgaan anggnacacg cnacacgcac agcgangnng 780
nancaaaagn annncngca nnannagnn gnangcaaaa naacgcgang agannagana 840
gnggacgcac nngcncacna ganggcgnnc ngacgnnnc ccaaaacgac nnacgnnnng 900
gagcaganaa cgacgcacna naaaggacgn anganncann nccgngaana aaggnaaaaa 960
nngnngnacn anggcgacnc caggagacaa canangnnaa agcnaagccc cnagnacaaa 1020
agcaccaaaa naancnccg 1039

```

```

<210> 3837
<211> 759
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

```

<400> 3837
gcnntttgat ntncatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagctg ccttccaaca aaatcgtcaa gcgggcagag gagttggtgg ggcaggagtt 120
gccttattcg ctgaccagtg acaactgcga gcacttcgtg aaccatctgc gctatggcgt 180
ctcccgcagt gaccaggtgc atcttcagcc tgcattccct tcccaggagc caggccactc 240
cctcagctgc cagaggctgg gtccctgctg gggccagggt gggatggaaa tagacatgag 300
caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga 360
caagggtggg gagataggca agtcggcaat gtagaccagt gcagtgggtt ggggggtggc 420
cacagaaggg agtcacagcc tgaaacagcc ctccacagcc ctagaggccg gctttatgat 480
tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca 540
ttaaactcct agttattgag tctctagtcc atgtcancca tggatgaagaa cgggggagtt 600
aaacctacat gtgttctctc caagggcccc gatcaaggaa agcttttgta gaaanangtc 660
acaccgagc ccacctgatt taattatatt gattaatctt gaaaaaaaaa tgaacctgga 720

```

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3838
 gncnntttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
 tgatttttcg aaggggattt tgctcatatt aagggttgct ttagggatgt ccaggaaggg 180
 tcaggtaagg aatctttcaa tttgctttct aattggctta gttttccac tgtcttcgca 240
 aaaggacagg aatttccagg ttaggttgca gcttgctctt catcaagcga aatgctcatg 300
 ctggtgggta gatggtaata gaaacctttt gctaccttta tttatcaaga gttgtggagc 360
 cgaggaaccg tgtcttgga gttgtgcagg attgaaactc acaaaaaagc ctgtttgaag 420
 aagttgttac ctatatattat tcaaggcagt tcacaagcct tatactaact ttgcggggtc 480
 tttcagttga gcttacatga ctgcgcttg gctttgtgct tggcagccaa catttgccat 540
 gcaggaggct tcccagaaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac 600
 cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
 accttgtggg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
 caattgtttc cattgtcat ttgaccaacc t 751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3839
 nccnntgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtatgttaa 120
 aggggtcccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aatttattta tttgcaatat ttacatgcct acatggtttt 240
 ttaaagttat tttaattgat ttttaattgat taaaaaatta tgtcccgat ttattagtca 300
 ttcattactt accattattt gcatttaatc cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataatt ctgtctactt tttgagtgtg ttttttaattg cttttacttc tgggtgtgggc 540
 atgctggatt ttatatattt aaaaaccaat aaaatttggga aggcattgcc tctaaatgtt 600
 acctaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttattt 660
 catagaaact gattcctggc tggcctgggt gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 751

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 3840
nccnttttgat nccntacanc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60
cacgagatta gatactatag taggttaata atgactaaca ccttgtcacc tcactactga 120
gcttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180
ttataaaatt tttagaattg gatttctaaa cttgggggtca gtgaatctag caggcttaag 240
cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300
gacagtgtg ggagggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360
gatacatgaa gtattacaag attttcttgg aaaaattggc atttcagtga tggatcaaag 420
atgtctaatt aggcacaaatc tactattact taaatattta atgtttttaa gatttgagga 480
taaaaggata tagatctgat ggcgttcata ctaattgctg tagtgttgat gttggagaga 540
ggggtaattg atcaagacag agcagacaga ccctttacaa tgagagcaga agatatgttg 600
tttactgatt ctactttccc acaaaatgct aatgctttta taagtccctc ctccntattt 660
tctagattaa ctccntgttt ctccctctaa accagangat tatggcagac aggcaaaaaa 720
aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841
<211> 800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 3841
aaatacacaa caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60
cttatattct aacgtgggag aaagaaagca aataaattac atgaattgat taattgatca 120
gttgcattggc ttttagtata catttctgtc agtctgccaa ccagcacagg tcccttatta 180
gcatgggaga agggcctgat cactgaaagt attatagatt tatagagtat tgaaaggaaa 240
cttaaggaaa ttgggggcag tggcctttta gaaaacagcc taactccatc agtgacttct 300
gcttgcttgt gcctctcata tgtgatctgc tactggcctt tggtacttct ctctgaaata 360
acacaaaaat tatgttttagg gctctcattg acttcaactc caaacatat gttacttctt 420
ttaaaaaacat aatttctaaa aaaaaaaaaa aaaaactcga gcctctagaa ctatagttag 480
tcgtattacg tagatccaga catgataaag atcattgatg agtttggaca accacaccta 540
gaatgcagtg aaaaaaatgc tttatttgtg aaatttngna nctattgctt tatttgaacc 600
attataagct gcaataaaca agttaaccac caccattgca ttcattttat gttcaagggt 660
cagggggagg nggtgggagg ttttttaatt ccgggccgcg gggcccatgc attgggcccg 720
gtccccactt ttggtncctt tagngngggg naatgcccc tggcgtaaac atgggcatag 780
ctggttctctg tggnaaatgg 800

<210> 3842
<211> 464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacacncta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaatgtcc	tgggatacag	aaaataagga	caaggtctgg	gtgtagtggc	240
ttatgcctgt	aatcccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgctctt	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtgggttcca	cttgcaatcc	cactatttgg	gaggctgagg	cgaaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcanctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caaggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgtctttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgataact	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatatgg	ggaatactgg	ggggaaaaaa	gatgggtgtt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttatgt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccattgg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgtgtgcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atttgtccaa	atttctcatt	720
ttcttttatg	gtaaagaaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3844

gggnntttt	tttggnnnaa	aaantttttt	ttncceccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nnccccccct	tttacctnng	ggggaaaaac	ccttttncnc	cnnnggggcc	120
cnangggggn	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tngggnnntn	ccctcggggg	nngggaaaaa	aatggggaat	240
ggtaaaaatg	ggggcccaag	ganntaaccc	aaggggncca	aatgggggng	ggggggaaag	300
aaaaaaagna	aagggggntn	ncncctcccc	taaaaacncc	caccaanggg	gggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccgnngnn	420
acccgggcat	ctgggaaana	nggnnnacnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaggggg	ccaagngggg	cacacatnca	tncnngctcc	tggaaccngc	atatgcnatg	540
ctctctctta	gaacactngt	ccattngcca	ccggctctnc	acatgaccaa	ancctacatt	600

ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aagggggaaa	tttttnaaaa	660
ccccccccc	acgcaggcca	aannggaccc	cctgggctac	ttaancanag	ccatccccna	720
ncaanacttg	gnagcactna	aaagnagang	ggggganaat	anctgggncg	gacaacacgg	780
cnactctnng	gtcaggatt	aagngggaaa	gnggaanaaa	ctggggttnt	caggacngga	840
ntccaactct	aancgggggg	gttaaaggga	aaaaattcnn	ggactgaaa	ggggngggan	900
ggggggaacn	ggctccagaa	aaaggaactc	catacctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3845

tgtaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagt	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcattcttcag	agtcttatcc	caaagccgtt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tggaagtgat	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtggngtat	420
ttacatcaaa	atataactta	atttatcgat	atcttttttag	gggtttccca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagccnttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctggggacaa	720
tgaaaaagnc	cccctttaaa	aaaaaataaa	attnntnttt	ggtttggaag	cccttcatgc	780
ncaggcattt	gacnaaantn	aancccgga	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
ccgnatatnn	gcataatntc	ccnttcaggg	gggatacana	aatgggnnta	tgacacacact	120
antcngngng	cacgnaaatt	tctgggtggg	gnaactggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgatgttgga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcatactctg	tgcccagaaa	tcttttggta	480
aataaatng	aaanaaaaa	cccattttaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cnttttaaaa	ttaaccncct	gggttttatt	aacncgggng	600
ggtaaagttt	naaaaaaaa	aaaaaaaatt	tttttaaaang	gggaaaaatt	ttnaaaaggc	660
cntttaacaa	ngggggnaaa	ccttaaatcc	ttttccantn	aaaaanggnc	ccctaaaaaa	720

```

aaaaanggtt acnttnngtn aaaaataaaa nttttttaac cccctttcc ttnggggggc 780
cttttttcat tntttaatnc ccccaaaatt tttttttttt tttnaaangg aggggggggg 840
nanntntaat taanaacaat naatttttaa anaaanaacc anggggggtct tttggccttt 900
tgtttgcccc caaaaacttg gggaggtgcc agggggggctt ttttnaaagg ncccccaatt 960
ctttancttt acctggtaga ngggaatccc tttgcttggc cccattctt tttgganana 1020
ggnttggggg aatatttggg cctttn 1046

```

```

<210> 3847
<211> 1021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1021)
<223> n = A,T,C or G

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<400> 3847
tacctgatgg ttgnnttntct ctctgngct gctcatgtct gcttaactac ctactctanc 60
agcaccagggn agnaggaata atatgtctct ttcataataa actggcttgg aaggccttnt 120
ttgtacatgc aatgttgnan ctccaggtnt ccaaggtgga taatgttggg catnancatc 180
ttgctttggg gcttgtntnt cnaagactca tatgtatngc ccttntttta ttttnaagnc 240
ntctnantgg cccccacng nngagttttc ttgaatgctt cngagaaaaa tttccanaa 300
anancgnttt tnaccncaa ctccccctt atgggntaac ttancanta aaccccgaa 360
ggancnttta attcngcnaa cccantanaa aaanttgat cntttgggc ccaantnt 420
ttaggttaan ctncaatgta ncnannanc tgtntntnt tgtaaattnn tcaccaagna 480
cnntnttgtc nattgnccac gtccntnng gngggtcnc tatttttggg tttggttaaa 540
angaagggtc ngncntatng gggcncng naaaantgcc ccanntctt cnannaagna 600
accttgnaca accaannccc ttcttnagna nttcnnnaa ccanttgcan ttgttcnggc 660
tngctttgta atttncaagn caattctttn gnntaacca tngttntnn tnnagaana 720
gggaaattcc ccgcntcaa ttaaagggtg gcttggnan gatttnanna aaaannnaa 780
nnnaaaatna tngnngcct ttttnaaact tnnnnnggat ggcggattta cnnnagtant 840
nnccnngcat gtnantagnn annacatgtg nnttannttg ggaaccaanc cccactttn 900
nantggcgtg nnnaaaaaaa tagctttttt cgggnaaatt tgggcaggcc tatggnatta 960
ttgtntaac atttattngc tcnngatnna nnttnacnc cacnttgc cctatttctn 1020
c 1021

```

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<210> 3848
<211> 898
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

```

```

<400> 3848
tttggtctct gagtntnacc tacttactgn catcttcnc ggnctntggc ngtgccntgt 60
tccatgccgc ngtgaggcta tatgagatgc gccttgaggc ngcctggatt tttngnntgt 120
aacacngtgg gctgacttgt gnntctatnn nanatngccg attatacaan cngngntcn 180
ctggncann actantgntt nagagnntc tnaaaccn nccgctgttn cngctggnt 240
gancngangg ncttgtgtgc agtnactgnt tccntttnc caggnnnnng ccctngann 300
catactntnn tgctgtcnc agtgnntng ggancnttn ntcannana ngctcncctg 360
accngnaag gaacatntnt ggantgacat nngngnanc tctngangta tggggaaacc 420
canganngtg gtcaataang ggcctacaa acatgttng gaaggctcct anggcattng 480

```

```

ggnnaaacat ntncacnnnc tatacaagtg gcttnncaaa gngaaagcgg ttattcntnt 540
antaactcnc nnnacnggac ccannantga ccncggcttg nnaccntggn naaccnntc 600
ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaat ttt ncggttgcat tantaaaant ganggggggc 720
tanctgcttt tgggcccctct ttonaccttn tttntgangt angntttttc ntttttantc 780
necnncantn gataagaata ncntttgggt tgaagttttg ggtnccaacc nccttcttnt 840
naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgnggn angettnt 898

```

<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3849

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gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa aagttaatgt gttggttccc tttggtgtat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaagtt tcagaattca agtctagact tcatcacttc atagctctgt 300
agcttttaggg caggttcttt agcctctctt tgtctccgtt tcctcctgtg taaagtaggg 360
ataataaaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540
ctgtgagaaa tgatggtttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac aagttaaata tatgtccctc ttggcctttg actttctctg 660
tcacttccgt gctggtcttn ctcttccag nctctcata ctctaattc tgggtctcagc 720
ttctacttgg actcctntga agggatagaa aaaaaaaaaa aaaaactcga gccttttaaac 780
tataggggtc gnntacgtan ancc 804

```

<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3850

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ttcctacctg cnetggaatg ccccagagca cctggcctgg ctgaagcagg ctgtgctcgg 60
gttccagctt ccgagatgg accttccacc cctggggggc ccctggctcc ccgtgtgctc 120
catggttgct cagtagcct cccagatccc cagctcacgc cagacacagc ctgtntcca 180
gtcccagggt gagaacctgc tccacagaac ctactgtatg tggaagaaca agagtccctc 240
cccagtcctat ggggcaggcc cctcggtcct ggagatccca tgggatgac ttatcgctt 300
gngtatcaac cacaagctga gagactggac gcccccccg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcccttg tcgtgggaac aagccangtt gcanacgcan aaggagctac agctgataga 480
gggacgtttg gcaataaaa cctttttcat ccttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtggt 660

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ttntcgagca	ntcttgcttg	ttggggnaaa	gaaagaaaac	caagagggtt	tnaanaatca	720
gccttcacca	atggntgggt	tgaaagaact	caggangcct	tttacgggtt	ttaaactttc	780
cttnccctn	ttnttctttc	ctcagacttt	tagnggtntc	tttttcacac	tnttggaaen	840

<210> 3851

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 3851

tttattgacg	ggaagagggtc	atctttttttt	ccttctgaaa	acaaatatgg	attaattgcc	60
tcaaatttgt	ataagtgatt	ggctagtgat	tcttgttttc	agaagggaga	gtgggtataga	120
tagaaaatga	caaagatggc	aatatacact	taatgttggt	attgtatggt	gttactgaag	180
tacttagatt	tttaaaattt	caaatacctaa	atcacttctt	gtaggagggt	tttcattaac	240
tgcagtatat	acagttcact	acatatgggt	tgtttgagtt	ttttgtgtgc	tgtatttctt	300
tctgtttttt	aatacctggg	tttgtagata	tctaactctg	ttctcttttg	gttggttcaga	360
aactggattt	tttttttctt	aagcagtgtc	taatttgtgt	tttttaattt	tgattcanaa	420
gtagtcccag	ctcatagggtg	ttcatactgt	tacatccaga	acatttgcga	ggctctctgt	480
cagctttcat	gtacatatgg	tatagaaacc	catggagtta	ggcacttcct	ggattttttt	540
tttatgagaa	aaaatctgta	tttaaaatgt	aaaataaact	tttaaaaaag	canggcnccta	600
atataatatt	cttnccgcct	ttgattacca	aatttgtccc	ttgcncatgg	ttaaagatga	660
aattatcttc	ctaaaaaata	tcaatgggtc	ttggggaacc	agggggattg	ttacntttac	720
cataaccaac	nggttnccctg	gcaatggggg	tcatgggtcaa	aaaaattttt	tgggttttna	780
aacttttntt	atttgnccct	tggtctgggtg	gattaagncc	aagnncaaag	ngccgaattn	840
c						841

<210> 3852

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 3852

gataatgaaa	ataaaaaattt	tgtgggctct	tcatagtggg	tactttgatt	atgtgtgata	60
ataactgtgt	gtgacaaaata	atataatgaa	gaaattaata	ccaagattgc	tattctgaaa	120
gattaaacat	tctttaatac	ttagatcttt	catctgttta	tgtaacaaac	cctaacatac	180
aggcttaatg	ccttgcagat	attaacttct	ttaacttaat	ctttgtaaca	gtcccatgaa	240
gtaggctctat	tattattaca	ttttccattt	gaggaatata	agacataaaag	atattaacta	300
ccttgcccaa	cagctaatta	gtgggtggagc	ctacttttga	actcagacac	tctggctcta	360
gactcttttc	ttttattaac	cactgcacta	tgttacattg	tttttttatt	tttaacttaa	420
gtgtgttaac	cttgaatttg	aattatgttg	tattagcctg	gtaagtggga	tcacagaaac	480
gtgtccactg	cctagatggg	aagagatcat	ttgtctttca	tctttgcata	cttaacatca	540
aaatataagg	aagaacaaag	gaaatgttaa	tctttttaaag	cctcaaagta	taactccttt	600
taaaatgcta	atgattcttg	aaaatgggtca	gacctttaac	tgcttttagtt	gaacatttta	660
gacaggagct	aatattttta	acaaggatag	caggaatcat	atgttttatt	tctgatcctt	720
gacaaagctg	aagagttgca	tcttcataag	ggnttcactn	tntgntacac	actagactac	780
ttgcaagggg	tgcccn					796

<210> 3853
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (827)
<223> n = A,T,C or G

<400> 3853
gcatatgtgg gaagtgnngtg tcccgctccag gcctgtgcct cgggccacag caactgnttc 60
gtgtgctgga gacgccccaga ccgacaggcg aatggntcga gtgcacctcg atccgagtct 120
cagcacctag actaattagg atgacctcag agatgctgaa gtagaccttt ggtcagcctc 180
agnctttttg nttttggttt tttttgagac tgtgtctcac tccgtcaccc aggcctggaga 240
gcagtgggtgc gatctcagct nactgnagcc tnaacctctc agactcaagc tattctccta 300
cctcagcctc ttaactagct gggatcacag acatttgcca ccatgcccg gctaagntttg 360
tactttttgt agagacaagg gtttgccatg ttgccaaagt ggcttcaact cctggggtca 420
agtgatgcct gcctcagcct ccaaagggtg tgggattaca ngcgtgagcc accgcacctg 480
gcctgttatt ttttaattag ctgnggaatt tttttttcca nataaaatat tataaaattt 540
attaaaaact ttattttctca aganggggaa cngnggaaata ctaattcccc aaatggttcc 600
ttttacatct agaggtccaa attttccnca atngaaacnt ttctttcaat ttctgggtact 660
ttttttggtt ggtttngaga anggaagtct tgntnttgct tnccaggctg ggantacaag 720
ngagcccgag aacatgcccc ctgnattcca nctggggnga caaaancccc acnttttttt 780
aananaaaaa nangnnnnnn annnnnaacc cgggccttta aaattttt 827

<210> 3854
<211> 826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (826)
<223> n = A,T,C or G

<400> 3854
ctgaaagggc agcgggcaga aaccgggctg gggctggcat tagctttccc tctctccagt 60
ttctctccag cgcagcaggg cactcttagc ccagaaaaag aaaactgact ttctcttatt 120
tctgttttct gctgctgcta atctctctct gaaggggtgt gtggcttctt gggactctgg 180
aaagaaactg caggggacga ggacaaagga aacagctact gtagtactg cagctatgca 240
ggctctgtgc tagccctgga aaggcctgga cgttcangtc tgctgtgccg ggggtaggcc 300
ccagaacaga gcggtgggccc catcgctctg caccacagct gccagggctc aaaccttggc 360
tctgccttac ctggcctttg gatcttgggg gatgcacagg aactctgtgt cctcaatttt 420
cttatcttgt aaaatggggc aaatacctac caagtcatag ggggtgatgta aagtctannt 480
gagataatgg agggnaattt cttttttttt ttaacttaaa ttttggtatc nttttgggtc 540
gatntttgta tattgggggg naatttctta naagctngaa agttattnaa tgctgcttat 600
gagccaaata ctgngccnag ggctcttgct cagatcattc cagttaatcc caccacaagan 660
cccaacagcn caaggggttg cttatatatt tgggggngga nggaactggg aaccnagggg 720
gaagtcacgg gnccttngcc caaagttacc cccgaagttt aagcgtttta aaccaagaaa 780
tttgaacccc caagccaagc ttgaccnant ttgggttgct tnggcn 826

<210> 3855
<211> 812
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3855

ctctcatggt	aatgccagtc	atgctcctca	gtcatcagaa	ccagcaaaaa	tactcctcac	60
atgtccttag	atagttgcaa	atgctccaga	gaggggtaat	ggcactgctc	ctacttgaga	120
accactggct	cctgtaactg	cttggcctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tgggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatttttgt	gaagatgaaa	tgaaataaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
agccagaact	tgaaattgac	cttaataatg	aatactncaa	aaaacacaga	caggcacatg	600
atntattaga	aaangnagca	actacggngg	gagtcagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggntttgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttgnggtn	catgggggtt	aaacaaaatg	gatgacttaa	gcctntggga	agtaatttca	780
taaacaacct	tgttgatatg	taataaaaaa	cc			812

<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3856

ttgctttaca	ttggtgaaaa	aagtcatcat	ttcgaagcca	ctcattncat	cggaattggg	60
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tattttgatc	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaattt	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300
ttaccattag	catctaaagt	gattcactag	agaaatgtgt	gtgctctcnt	gacagtctgc	360
ttgttccacc	ttgctggaat	ctaaatccac	gagaatcctg	tgttcatttc	tctctaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttancan	480
gtacagtggc	ctgtgcctgn	agtcccagct	actcangang	ctaangtggg	aggattgctt	540
gaaccntga	gtttgnggct	gnagtgccct	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttggga	660
agtctcctaa	ataacctatt	tnaaagaggt	caacaatttt	gcccgggtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggttttn	atntttttaa	ggnnnnnaggg	ggngnggggnn	780
ngnnnggnnn	nntaaannnn	gggcccnngg	ggcccattna	nttnggnncc	cngtt	835

<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3857

ggtgnttnnn	ccttgaaanc	tttatacanc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgctccaag	gatcacagta	ggatcctcgt	tggtgacagt	cgaggccgag	ttttcagctg	120
gtctgtgagt	gaccagccag	gccgtttctgc	tgctgatcac	tggtggaagg	atgaagggtg	180
tgacagctgc	tcaggctgct	cggtagaggt	ttcactcaca	gaaagacgac	accattgcag	240
gaactgtggt	cagctcttct	gccagaagtg	cagtcgcttt	caatctgaaa	tcaaacgctt	300
gaaaatctca	tccccggtgc	gtgtttgtca	gaactgttat	tataacttac	agcatgagag	360
aggttcagaa	gatgggcctc	gaaattgttg	aagattcaac	aagctgagtg	gagaccatgg	420
tctgtagacc	ccttcccgat	tctcctgtcc	cagcttggaa	ggcattgaaa	acagtctccg	480
tttacacatc	tcttcatacc	acgtgtttga	agtgttaaaa	ttcaaaggga	tcattgaata	540
aaacgggtgt	agagtacagg	aatggggcag	acgcgattca	ggtgaacagc	acaagaagaa	600
tatgangtgg	ttcctaggag	caacactttc	gacctncagt	cttctctgatg	acagtactgt	660
ctncaagaga	aaaatcctca	cttattaact	ctcttttctt	gcattctcatt	ttatagagct	720
actcatcctt	atttggaaaa	accancacca	aaaaaggctt	ttagaaaatg	gt	772

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

ctctggctct	tggaagagg	cagtgtctct	aaacccaggc	aaacggtaaa	tgtggggcat	60
aggcaagagg	gtcccgggta	ggtggccact	tccccatcat	gctcgtttct	cattttgtgt	120
tttttagtaa	naaaaacaca	gtgtgttctt	ttgccagagc	attaatcttt	agaatgcctg	180
tattttctaa	tgttgggatt	tctttcacaa	ccaccacact	taatatttcc	attgtgactc	240
agaaaatcag	acttcattcg	attctttaga	gaactataaa	tactgttgtc	agtagagtga	300
agtcttgtct	tatgtaatcc	taattacaga	atgtgttctc	agaagaggta	ggctagacca	360
gagctgggca	gaccacaggc	agaggccaaa	tccagccccc	tgccgatagt	agctaataata	420
agttttacac	ccacttgttc	atgtattttc	cctggctact	tgtgggcagc	aatgccagag	480
tcaagtcatc	ataacagaga	cagaatggcc	tgaaagctgg	atttactatt	tcaactttta	540
cattaaaact	tgatgacccc	tgtgctagac	aggcagctca	tttctgcagg	taaaattata	600
ttcatctncc	aactttcatt	ncaaaaattga	acctatatta	ctgaggccca	aaaaannnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnccctn	ngccctttaa	720
aaccttttgg	gggncgnttt	ncnngaaccc	nccctganaa	aaaaccttgg	tggagttggg	780
ccaanccccc	nctttnaatg	ccngaaaaaa	aattnttttt			820

<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3859

ggtgnttccc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggg	tgggcaggca	gctgcacctc	attcctgaga	ccatccgggg	120
cagggtcttt	ctgactgaga	cacacgaccc	tgacaccaga	gagaattctg	tatttcccca	180
cccttgcagg	ggctgcccct	agagaatccc	atcggttgag	cccaggaacc	cacaagtctc	240

gcacccctcg	gatgggtagg	cattttgagg	gcatgaggta	ggcgttacag	tgataagata	300
cacagggctc	taaaccacag	aggccccggg	tcaaatcctg	cctcttctaa	gtacaaatta	360
gttggttttg	ggaagtgagt	caactttgcc	ccgggctgca	gtttcctcgc	tgtcaaattgc	420
atgggagagg	gtgtgtgaag	agttaaaatg	tatttagatt	tactgtagt	gtctcctcca	480
acatgatctc	acactccttt	tacagtataa	gcaggctgat	gtcagaggct	gtgactcgcc	540
ctgccaggtc	taagaccgtg	gggcgtgggt	acagggtacta	ttttangact	cctctnacca	600
caggcactga	acttggggct	tgcatatata	tcacccatt	actcctcaga	agatactgta	660
acgtaggatc	ttttattggc	tntattgagg	cttaatgcat	ccattttang	nggtacaatt	720
tgatgagttt	tgacaaaagt	ntaancttgt	aaccacaatn	nccganttca	tgacact	777

<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

gnnnnntnnnc	cttgaaacn	ttatacanct	acttgttctt	tttgcaggac	ccatcgattc	60
gaattcgga	cgaggacaca	ttaaaagaga	gatatcaaaa	aattggtgac	acaaaaagga	120
atactcccat	tgaagctctc	tgtgagaact	ttccagagga	gatggcaacc	taccttcgat	180
atgtcaggcg	actggacttc	tttgaaaaac	ctgattatga	gtatttacgg	accctcttca	240
cagacctctt	tgaaaagaaa	ggctacacct	ttgactatgc	ctatgattgg	gttgggagac	300
ctattcctac	tccagtaggg	tcagttcacg	tagattctgg	tgcatctgca	ataactcgag	360
aaagccacac	acatagggat	cggccatcac	aacagcagcc	tcttcgaaat	cagggtggta	420
gctcaaccaa	tggagagctg	aatgttgatg	atcccacggg	agcccaactcc	aatgcaccaa	480
tcacagctca	tgccgaggtg	gaggtagtgg	aggaagctaa	gtgctgctgt	ttctttaaga	540
ggaaaaggaa	gaagactgct	cagcgccaca	agtgaccagt	gccttcagg	agtcctcagc	600
cctggggact	ctgactcaat	tgtacctgca	gctcctgcca	ttctcattg	gaanggactc	660
ctctttgggg	gaaggtggat	atccaaccaa	aaaaaaaaaa	aaaactcgag	gcctctagaa	720
ctatgtgagt	cgtattacgt	agatccagac	ttgatagatc	attgt		765

<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

ggnntttnnnc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	gagactgtct	caaaaaaatc	aaaaaaaaga	aaggggatgt	120
aaaataatcg	ctgcaagtta	cagtgttttt	cattaatgac	ttccaaatgt	ctcacatgta	180
ttgtctcttc	ccagtagcat	aaacaaagat	gcaggagggt	gcaatgagtt	cctacaggcc	240
ctagagctga	cggtaggggt	gggaatacag	ttcacaccgc	gtcttcagct	gtgttccttg	300
tggatgacat	ccactggaca	gccaattgat	aaaaacagtt	atcagttcta	aagtgttagg	360
acaattacag	cttattcaaa	gaaaactcaa	ttaaggagga	gttagtaaaag	ctagtattgt	420
tcttatecgtg	tgcaatgctg	cagtgtcggc	tactgcaac	ctccatgtcc	caggetcaaa	480
tgatcctccc	gagtagttgg	gactacaggc	atgtgccact	atgcttggct	aatttttgta	540
tttttttata	gagactgggt	tttgccatat	tgcccaagct	ggtctcaaat	tcttggaacg	600

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aagcctggat ttgcctggct gccatttctg ggttttgccg caattcagtt ttttatgaca 660
ggcagaccag tgagtagaat acagttcttt ggataaagga caaactgaag cactaaaaat 720
ggagagtcac tttaaagcaa aaaccagtgg aaatgtgtac ttggcttcac c 771

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<210> 3862
<211> 707
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

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<400> 3862
ggtgnttnnc ctngaaacc tttatacaag ctacttggtc tttttgcagg atcccatcga 60
ttcgggaaaa ataacatggt cactttatga aaggaagaac caggnaaaaa taatagaaaa 120
taatgaacat gagtggagat atagatgaaa gctaaataag cattcactgt gtcttatcaa 180
gagtgactaa taagctgaca gctttatttg agttctggta agcaaattaa tatcatataa 240
atcattacaa tttggataaa gcaaaacctg ttatcaaatt taaaaactgt ttaataattc 300
aacactccag tggtttgctt tgtttaagca aaaggattct ggccaagata ttttacttca 360
gctctctgcc aaagatgaca attgtcagtg attgtgccag aggggggact taagtctttg 420
gtaaggatcg ccaacagctg gaaagtattt attgcataaa atatgtccat gatactttac 480
caacattgta gagaatgtaa gctataaata cagttatatt acaaagagtt tacaatctaa 540
aattaaacac aagaattttac ggaaaaatca ccaaaacaaa ttaaatggaa atatcatttc 600
acaaggttct ttaatttttg gccatatatt tgataataaa tacatatgtg ttntagctat 660
cttacttctc ttcttattct gatttnacct nntgtggtcc cctgctg 707

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```

<210> 3863
<211> 621
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

```

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<400> 3863
tgnngggcna ganaccgnt ngggctgcaa gggccggctt gaccnacgn atnccggggc 60
ananatgctt gtenagnnna caaaggaagg ttgtnncegt ttacgcctat tgggtggaaa 120
aanccenttn tngaaggtct atcctcaaan ngcnnntngc gttcnccga ctggccgttt 180
atncaccnct ggnnaagagg ganttnattn naccgctct tttttanaag annnnaaagg 240
ttcngcatnn tggggcnnnn gnncacactg gctttgaana gcnanagctg agtgacatcc 300
acccagatnc aaaatggtna catgtcaact gtggccgaaa acgnggccgc actgncccat 360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg 420
tattcacaca ggctntgagg ggggagggat tgtnntcaga atgcattaag cgcnttnaat 480
agcctgcntc ngttgctttg tcaantggtc ttnacatgaa tgcccgcccc ctgaatatcn 540
ngtaatcacc tatcnnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng 600
gtcgtactgn gnaagagctc c 621

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```

<210> 3864
<211> 790
<212> DNA
<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1) ... (790)
<223> n = A,T,C or G

<400> 3864
ggngnntnnn nnntttggaa ntctannata caagctactt gttctttttg caggatccca 60
tcgattcgct cagcccccca gtttttatgt ggacatgttt tcatctctct tggatatata 120
cctaggagtg gaattgcttg gttgtgtggc aattctatgt ttagcattcg aagaaattca 180
ttgaatggta agctgaaaag tgacgtggtt gaatttctga tttcagaaag atcactgatg 240
tgatgagaat gaataactct ctggagtgtt aggatgtggg ggcagggagc tagcttagta 300
tattattgca aaatcttgcc aaagatgagc tgatcaaatg agaggaagca tgaactaaga 360
ggggagcagc aggagtggaa aagagagata taatgatgct agtacagagt ttatatattac 420
agaacttgaa atgcagctca ngagtgggag gagtcanctg gtgccaagcc tacataaatg 480
agcatggtgt tgcttttgac aaatagggag aagcaganag ggggaataaca tttttagtct 540
tcttaatttc taatatgtct tgagataggt ctctaattat atgcagctca attnacagat 600
gaaagtattt ggtttatcat gcattcatct ttatgaaaag aaaggattcg gccttgcttc 660
ttccttggtg ccaaagtatt ggncagggct tgggcacngt ggcttacacc tgtaatnccc 720
agcgcttttg ggaggctnan gcaggaaaaa tccttggacc ctgggaaggt naaggttcca 780
ntganccan 790

<210> 3865
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

<400> 3865
ancctttana caagctactt gttctttttg caggatccca tccgattcga attcggcacg 60
agagtgacta cttagaagat gctgtcccca ccttcgcccc ctccctctag ttgccccaat 120
gtcttacctc cccagcttc actcgggcta gtggaggtct tcttagactt ctttcaaggc 180
ggaggattta gagtctggg tgaagtggcg gtgatggatg gctggggacg tggggctgct 240
gactcaatgg tgatacatca agcagttaat taagggacaa gttatcttct aagtgggagg 300
taaaggattt tctgttctt tgttcttaat gctcatatta atgccatttt ccctcatgga 360
gacctcaggc tgtgcttaaa acgcttccat aattcctttt ggcactgcta gaggtcagca 420
ttgtccactc gtgaaggaca caggtaagtc acagacattg gggcttcttg ttgttaaagg 480
ccaagaatgt gggatgaaaa cccccgtgt ccccatagca agttaggggt tgctcancag 540
ggctgttttc attcagacaa gcagctcatt ccaaaccagc cccagagagc cgcttcaata 600
agccattgtc tgcccaagga ggaagaactg ttgtccaagg ctgtggntaa tgcattgacat 660
tggtagtgtg tccaacaagt caaaacttgg ttacagaaaa gcagcantga cnaggatctt 720
ggaataaatg ccttggaccc angtgccaaag gaattttcca cgcattn 766

<210> 3866
<211> 1154
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (1154)
<223> n = A,T,C or G

<400> 3866

tattgatctc	acctgctttg	agtccatcnt	caattcgnea	agcenggtcn	agagtaactc	60
tgcactccta	gctgggttgc	cttaacaagt	ctatttaact	ttttcttagg	gtattttctaa	120
gagagttcca	aaatggaaaa	aaaatnctat	ggtggnttgg	aaattttaat	gaataataaaa	180
ttcccatttt	aaggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacctt	gggaaaaaan	ccaaggccca	agggggttaa	360
nttggaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	tttttgggaa	420
attaagggnt	tttttttaaa	aaaaatttta	aattccctt	ttaaaaaatt	ttttnaaaat	480
ncccccttc	cctnggggtt	ttccccctt	ccnttgggcc	cccccttttg	gggggggnccc	540
tttttaaatt	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
ggggttttta	aaannttttt	gggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaan	ccccccagg	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
cgggnttttn	aaaaaatna	aaaaaaattt	tccccaat	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aanttttaatt	tanttttccc	840
ccaaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttgga	aanaattttt	taaaaaaatt	naaaaagccc	ctnaaaacca	attcggggnc	960
cccccttccc	ctttctttca	aatnaaaatt	naatttttct	ccccgnaaag	gggncccttt	1020
ttcccttccc	tttgganggg	gccttggggg	aagcccnccc	caaggncctt	tttggccagc	1080
ccccgnaaaa	gggggggtcct	ggcaccctta	nnctnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 3867

gtgattccat	tngatacagc	tacttgttct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggatca	caccactcca	ctccagcctg	ggcaacgaag	tgagaccctg	tgtcaaaaaga	120
aaagaaaaag	agaaaagaaa	agaaatctga	aggtcttgac	aacccttggt	ccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gcctcttttg	taacaagggt	gtggggccct	240
ctattttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggcca	ggcacttgtg	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccggttctt	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480
tccccaaacta	ctcggggaag	gcttgaaggc	caaggaanaa	attggcnttg	gaaacttcna	540
gggacaacaa	naaggcttgc	caagttggaa	gaacaaagga	atnggggtgc	ccacttggca	600
atttttcttaa	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nngggggnc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccccn	tttaannaaa	780
ttcccccca	ggaaaaccan	tttgggattt	aaaagggaaa	ttccccctt	tttgggnatt	840
ggnaaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
ntgggcccac	nnttggg					917

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (847)
 <223> n = A,T,C or G

<400> 3868

ttgatttcca	tncagntact	gctattgttc	tttttgcagt	atcccatcga	ttcgaattcg	60
gcacggaggt	gagnaacggn	gaatacgggt	aaaacccttg	gctcatggaa	agcatagcnc	120
aacataaacc	ttttaagcaa	accagcgcag	agttcccgtc	ataagtggcc	accatcttca	180
gaaaccaggg	ctcntgggtg	tntccanaan	tttgccagga	atttatgtta	ctttaaccca	240
ctttggtnng	gggaaaagct	tttgnaaata	gaatcataca	tgcatttggg	ttttaattac	300
agtgccgttg	gcccatnaat	ggggnttaaa	tttatactgg	agcacatggg	cacccatata	360
tgggggtttc	cctcttgggt	caagggcccc	ccattggcca	anaancagag	tctaaaggaa	420
aatcttgaag	gttgaaaaac	cnttgggggg	aaaggnaaaa	aantcaaaat	tcccagtggg	480
gaaaaagaag	gaaaaatagg	gangggctta	aaccttgcaa	aaaaattgaa	aaanttgaag	540
gggtttgctt	ggtcnaaata	atcttgggan	ggggccccct	tttcttgcna	agaaggaagg	600
tgnaacaatg	ggagnacaac	atttcaaatt	aaaccattat	ttggtaaaaa	cnttntctaa	660
aaagtcaatn	gnccatncca	naaaggttgg	aaatgggagg	ggnnngtggt	ttctttccgt	720
tccaacttgg	ggagttcttg	gccaaaactt	ttttggaagg	ggcnttgttt	tctttttgga	780
aaagnaaatt	aaaaggttnt	tttggaaca	ngggncaaat	tggagttnnt	ggaatncccc	840
aatttta						847

<210> 3869
 <211> 661
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (661)
 <223> n = A,T,C or G

<400> 3869

nttgattcca	tnntntacng	ctcttgncct	ntgcggatcc	ctcgattcga	attcggcacg	60
agatgaatgt	ggaactttta	tttttatcca	ttattttcaa	attggatcan	tgtcctcctg	120
atctattaga	tctaagacct	aagaggaacc	taccttggtt	tggctagcgg	gtacagactt	180
tcttactaaa	aggnggggtg	atttcctaga	atagcatntt	ctgttgagta	gagatgattn	240
tcaacaatgt	ggctgngtca	cttnncttca	aagtgattat	ngagtgtgaa	agtaagcant	300
tgtaataactt	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gtagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aaccttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600
aatgagatg	agatatcctt	ataaagtttt	agcatgatgc	ngcctcta	aatctgcac	660
n						661

<210> 3870
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (803)
 <223> n = A,T,C or G

<400> 3870

ttgaattcaa	tacttgat	gattttcann	cttggcgga	tcccatcgat	togaattcgg	60
cacgagagt	ctgggattac	aggagtgagc	cacttaggct	agccctgaaa	tgcttttgtt	120
tttgtttng	ttttttgttt	tttaatgaaa	atacagggac	atggagatgt	ggaaagacac	180
cttgctttat	tactggtgtt	attattatta	ttactacagt	ataattcatg	tatcacaaaa	240
ttcacgattt	ttaagcatac	ctttcagtat	tttttactat	attccaaaaa	gttgcagcca	300
gcagcactac	ctaattccaa	aatatttcat	aatgccaaaa	agcatgcctg	cnctattggc	360
tgctactctg	caattccccc	ttcttgcagg	ctctggaccc	aacccccncc	ccttttaaaaa	420
aaacttcttt	ctttntgtat	agatgtactt	ggtctggggc	accttccctct	ttatnngaaa	480
aacaaaatgg	gggngttttt	ggggtttggg	ttntcaaaan	aaagggncn	caannattna	540
anaccctttt	aaaccccggc	cnnnaccctt	tanaaaanttt	nttngggccc	aaaanaaatn	600
tcccccttta	tngggggtaa	cnnccaaatt	tggnnngnnn	taatttccca	attnananaa	660
ccaaagtggg	ttttttnccc	ccnttttttt	anaaaccttn	tttttnttgg	aaaaataaaa	720
nnggccctgg	cctaannna	aaaacaagcc	ttttttggcn	accaattggt	tttttttngg	780
gaggtnggnn	aaaccatttt	ttt				803

<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3871

cttntttctac	tntttctncc	tggaaaaccg	ncnnntgcag	gacccatcga	ttogaattcg	60
gcacgagggg	atttgaatgc	ccatgaaata	catttttttt	tacttgaata	tattcttgc	120
tcactttacc	ctccataata	tggtgtncat	tagtgctgat	caagtttaca	gagttacatt	180
ttgctnncc	aaccattcag	gcaggaatta	aaatatggca	ttgttaacaa	ctgggaagaa	240
gctcatagn	gatatnaatt	anagtagata	atgggtcacc	ttgatagcct	ctgnttacct	300
cacttgnata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attnncatat	360
aaacagtntt	ttgaatctat	gctaaaaanag	ataatatcta	aaagngtgat	ctntacgtag	420
tccttagttt	atnagtctgn	actncaaaaa	gattctttaa	taagcccggc	acggagggtc	480
atgccngtaa	tcccaacact	ttgggaggct	gaggcgggcg	aatcacctga	ngtcangagt	540
tcgagatcaa	cctggccaac	atggtgaaac	ccngtctcaa	ctaaaaatat	aaaaaatagc	600
cccggccgtg	gngggcangc	acctggaaat	ccccagctac	tcgggaannc	ttgacgcan	660
gaaaaatcac	ttgaaacccc	aaggggcaaa	aagctgggag	ggtaagccca	aaanccgcat	720
tnattnggac	ctcccaancc	taagggggac	aaagaaacgc	gagnacttca	atcttaaaaa	780
ncnnntngnc	anttattgnc	nnaaanggna	atgnngnccc	ggaaaaaaac	cccc	834

<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 3872

tgtnagacgt	ttcaaggtea	gtgtattagt	ggctcatgcc	taggggaagg	aataacattt	60
ggagcaaaca	ggagacaaat	tgaaaagctt	caggaggaaa	ggctaggaaa	taagattctt	120
tgggcgagaa	taaggacttt	aaagagattc	cacatattcc	tgggaatctg	aaagaccata	180
cacatgccta	gggctgggca	tgtgcttaaa	aagacttgag	agggccctat	gctgtcacct	240

ctgcctgacc	ttcaggctct	gtgcaagcag	gaagtgaagg	ctaaggcata	gttataaaact	300
gcatgggtga	agggtgaaag	gtgtgtccca	acacagaaca	catctgcaaa	tgctacgagg	360
cattttgttg	ttccaagtgt	tcaaagaaat	cttttgaatc	actactgacc	actaagctaa	420
ccaaagactt	agtggccaca	cctgacaaaag	aatacaaaact	aaaaaactaa	aaatgtagtt	480
caagaaaata	acaggctggg	cacagtgggt	cacatcggtta	atnccagcac	ttttggggang	540
ctgaagcang	tgggatcttc	tttgaaccca	aggacntttt	gagaccagcc	ttgggcnaca	600
ttggcaaaaa	acccccatct	tnttgnaaaa	aaaatacttt	aaaaaaattt	tgccagggggg	660
ccctgggtgg	gcnnccccac	ctttantagg	ttncccaagc	tttncccccca	agaaaggcct	720
tttaanggtg	gggggaaggg	aatccaancc	tttgancccc	tttgggggan	gggtncacca	780
gggccttttt	aaattggnag	nccccattaa	attcccttgg	ncccatTTTg	gcanttttcc	840
aaaccccttt	agggnggna	ccaccanatt	ggggganggg	naaannaaaa	atTTTTtaan	900
tttttccna	aaaacntttg	gncccnccat	tttttttaaa	aatnaaattt	tttttccaaa	960
aaaattggtt						970

<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3873

actgaagctg	ccaggcaagt	gaggaaccag	gagccgtcac	tgagtgtggc	tgggctacat	60
catagctcat	cacggagcta	cgactttggg	tactgcggac	agacctggat	aggcccagca	120
ttcgttctga	agatcacagt	tcacagaagc	ttttgcttcg	taaagataat	ccaaaggacc	180
tgagaccgc	ttttcctttt	cccttcattc	ccttgagagt	cagccataaa	cggaatacct	240
gctaggttcc	aggaatgagc	tcacctaaac	gacagcaaat	gtgtctggtt	agatctcagc	300
agagcccatt	ctgcaagacc	tggctgancc	agatgagagg	gtggggccctg	tgctggggggg	360
ccttggggtca	cacacaggaa	ccaagacctg	gcttccaccc	cccagtcacc	cacttggggtt	420
atctgctgga	agttatcgat	aggactgtgt	ggccaaccaa	gtgcttggtga	gatcactgac	480
actgcaaaaa	caaagcaaac	tgctccgggt	accaggactt	ccttcaacct	ggcaangggg	540
gtgcgctgag	gcngggcttg	cangtgangg	ggctgtatgc	ttcaggaact	aactaaaaatg	600
catgcanaag	gtaagaggca	tgatgggagg	tgttcaagca	cacaatncca	tttgggagggt	660
tattttgata	ctgcgatgan	taagggtaan	ggcccatggg	aatggggcta	anggtggggag	720
tgaacactgg	ggtgaataaa	ttttaaatca	attcaggtaa	aaaaaaaaaa	aaaaaactcg	780
agcctttnaa	ctataggggg	cgtntttn				807

<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

tatccatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggaga	60
aaagctctca	ggtaatctgt	atggcttata	agggaaacct	gcagtccttt	ctgaaagggg	120
agctgtgaat	atgactgctt	tgtagaaaga	tgtcttagga	ttctgggtga	aaatttttaa	180
ttccccctcat	gtaggaatgt	cacagagtgt	acctttttga	cttagtattt	tcctagtaaa	240
atacaccttt	cttaagaaaa	tggctacaaa	gtcagatgca	tgtaaatgct	ttcagcaagg	300
gtttattgat	catctgcttt	aggctgggct	ctatgttagg	tgctgtgga	ttccattcta	360
gtacctgtgt	tctcatagaa	ttgaatcctg	gtcccccata	tgacttttga	tgatattcac	420
actgttaatt	ccaataaaga	cagagtagac	aaacagaaac	t		461

<210> 3875

<211> 833
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 3875
cttgggtgaag ttgatgacct ccaatagctc ccagtgtcat gggtagccag tacgcattag 60
ctgggtgttg gttgattgag acctggggca gttcctgggg caagaagcca gatgggagat 120
gagatagaaa gtgttaggag ttatcctctt tgccctggcct ttgagaataa cttactgtgt 180
gacttttgggc aagttccttc ccactctgg gcctcagttt ctcacttggg aaagcaagga 240
gtttgaccag atgatacaca tgggccttcc tagctctggc caccaagaat ttgtgaacat 300
tagagctcct ggtctggtgg gtagagccag agctgctgac tgggtctctct gcctccagag 360
gggatttatt ggacctcana ggtggcaggg ccctatggag caccaactgc cctcaacccc 420
accctgtgcc caagactggg aagggtattg tgtcaggctg tggccatagg tagcatgagt 480
tgcccaagga gggacagagc atatctttgc tgangcttgg ctgangggct tatgatangg 540
cttgacgtac ctcacaancc cctgtgggca caagacaccc tgagggtttac ccaggccaaa 600
tatatttgat tagcaggga aaaaaaaaaa aaaaaaaaaa tcgaacctn tanaactata 660
agtgagtcgt attacgtaan atccngacnt tgaataagaa tccattgggt gangttttgg 720
acaaacccnc aacttngaa tgcccgtggn aaaaaaatg cntttatttg ggnaaattgg 780
ggaagcctat tggcttttnt ttgtaaccat tttaanctgc aattaaacan nta 833

<210> 3876
<211> 833
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 3876
gtttgtgggt gaatggtttc acaccagagt gggatcctct attgcatgta ctgactagc 60
ttttcattct tatcacactt cccttcctat aaagttacgt atctttttaa gggaaattta 120
ataccacact tcgctttctg tgcggccttg tgaaaatcag gcaataacaa ggacagcctt 180
attgccagtg tatgaccaga gcatctagat ggcactacta gtggaatgtc atcttgtcta 240
ccattcattc attcattcat gattttctct accanacagt tttggaactc ctagaatggg 300
tcaggtggta ggcaggcatt gggaaaaaaa ggttttaagc cattgtccaa atcctcaaag 360
aactcaccat tttggctcgag gggccatggt gagagggtga tagaaciaaag taagaaatgc 420
tgtangagca gagagagaga aagaggccca gagagcacag tggcagagta catctcatcc 480
agagaaacag catcctgcat cctccagagt cctggttctc tcagtttcat nccctttctt 540
cttcttccat ggattatgta atacattgta aaggttttta ttaattaaaa aattgaaaaa 600
anncnaancn nnnnnntnnn nnnngnnnnnt tnnnnnnngn ngnnnnnnnn tnnnnnnncc 660
nnnnnnnnnn tnaanntttt nnnntttnnn aaaaannnaa aancnaaagg nnnnnnnnnn 720
ngnnnttnga cnnnngnna aantnanaa nnnnnngaaa aaaaanaaan nanntnnnaa 780
ttnnnnaann ngnnnnnnnt nncncnnccn nnaannnnnn ggaantnnaa nan 833

<210> 3877
<211> 1213
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1213)
<223> n = A,T,C or G

<400> 3877

cctttnaang	gggntttttt	tttttggggg	tttaaaaaaa	aaaaaatttn	ccnnaaagggn	60
ccccntttng	gggggggggg	aaaaattttt	tttttcccc	ttttttccc	ccccctttt	120
tttttttttt	taaaantttt	tttttcccn	aaattttttc	cccctttttt	ttttttaaaa	180
aaaaaaaaaa	aaaaaaattt	tttttnaaaa	tttttttttt	tttaaaaaan	gggggggtta	240
aaggggttta	anccccaatt	tgggttttaa	nggggttttt	nggggggaaa	aaagggaaaa	300
aaacccttta	nccctttaan	ttttnaanaa	aaaaaaacc	ccaaaanttn	antttaattt	360
gggttngggg	gggggaaaaa	aaaacccttt	ttcccccagg	gccccccct	tccttggggg	420
gttnaaaaaa	ttnggggtgg	gtgggtccct	tccaaaaaaa	tttttgggnt	tccttggggg	480
aaaaaaagna	aaaaangggg	gggggaaaaa	ggtcctaata	gaaaccgaa	cttttttcaa	540
acctgggccn	attnccatat	acccaatggg	ttaaaacttt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcc	tgcagaaagc	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgtt	agacctcttt	ttncataaag	agtaaattggg	720
aatgctaaca	ctagtgggct	tattgagaaa	atttaaaggg	tgctgtagt	tttagaactt	780
aggctggaaa	accatatttt	agtgcatact	tttactacat	gatcttccaa	ttagatagct	840
tgtaatactg	tccttacagc	acttgctgnt	ggtacatgtg	aagattttat	aaattttaag	900
gaaagggtgt	tatgatatat	agtgaagaag	gtgggaaaaa	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatatatt	tgatatnggat	taagaataga	aaggggatta	1020
tnggatggta	tctatttcaa	tttctcagnt	tatgggttng	gccttncctt	ttttggaaa	1080
gtacccttgg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantttnt	1140
caaaagggncc	cnaaaaatgg	aaaatnccaa	aggaattttc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878
<211> 972
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(972)
<223> n = A,T,C or G

<400> 3878

tccaccctga	ctcagccttg	gtgcagagt	agactctgtc	tcaaaaaaaaa	aaaaaggaat	60
cagtttgggt	cttggcagaa	atcaacataa	gggaatntga	caagaacccc	agtaggtaac	120
cctgagtgt	caaggtccga	gcctgtgggt	ctcttttacg	gcttcatgaa	aaggaccgtg	180
ccctcacngg	agggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttnttca	ntcaaccac	accocaaagc	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaattc	360
tccccaacc	ggaagccgaa	aaaatggttt	ttcccccttg	gttttncaana	agnangggaa	420
agttaacca	ntccccnttt	antgcctttg	gaacctnggg	gggggtttcc	ttttttgggt	480
nggggtgggt	tttgggtttt	tttncttttt	caaatttggg	naaattnctt	ggtaattttt	540
aaaaaatgg	ttattgggtc	agccttggaa	caccattggg	gnacaacntc	cttgaaaaaa	600
ggtnagactg	ggcccccccc	cccctgtttt	gggcccgtga	agttttccgn	accaccnggn	660
cttnaaaaag	tggtcccttc	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtca	atnccnaang	780
gggggtattt	gtcanaaana	acttgnccctn	tgccctttan	ccgaangcag	tcnaatcntg	840
ccagtggat	ttttcttact	ggnggaatga	caagaaacag	ggattnatat	tgcnccttgcg	900
ganaattttc	cgggagtgn	tnnttaatat	tttnagaccc	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879
<211> 884
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(884)
<223> n = A,T,C or G

<400> 3879
gggtaaatatt ttgttttata acagtgattc agtatatctg aattatggat tatatggcca 60
tagaactaca agcaaaaagg atacacaaac aaattttgta gttaagacaa atctgttgcc 120
taagatcaag aaatgtaata gatggaggcc atgtagaggt tagaaattca aagaaatcga 180
ggtcaaaaaac tggccaatca taacggcata gggattagtt cctaaatttg gtcacttgag 240
aataacagtg tgaatagagt ggagtgaag atgtgactgg tgttgtttct aaaaatgtag 300
aattgtcctc ttagttgggg tctaggtagt ttttgagagg tgaatataga cactaacttt 360
ttgttttaca actgaaatca aattgattgg taatttgcaa caaaatattt tttgaccccn 420
ccatttata cttaccatgt atattatttt cactnggntg ataaagccta tgactacctc 480
gtcagaatac atcatttgct aataaattag ggtttactgg tactgntgga aataaccctg 540
ggcattctac cctccgagaa tctgttcag gtggctgcac cctttcaaaa tccantgggc 600
gtttggccat ttgnaancct tgtnttttn cgggggaaa ccaccanggg tcaagtttan 660
ttanggcctt ggcccagtta aggcctggac cgtnntttcc ccaattttgc ttggnnttgg 720
aatggaatn gggttttcat ttaattnaaa gaaanttgct tgttttgggg ccccatgggt 780
gtggaaaaag naattcnntg aaattgggcc ggttttgaat tanttttaaa tcnttantcc 840
ttaagaaaaa aaattttnga anccntttng ggggcnttg tccn 884

<210> 3880
<211> 998
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(998)
<223> n = A,T,C or G

<400> 3880
aanaaaatta angngaance tttaaaantt gggcccttgg gancceaatt tnaccceaatt 60
ttttaanccc cccaatttgg gaaatttaaa aagggttncc aaaggaaaaa atttancctt 120
tggggggaaa ngggggccca aaaaaaaaaa agggaaaaaa ggaacccttc ctttgggttt 180
anggnntncc tttttccccc aaggggggga aggggggggg gggggggaaa aaaaatttgg 240
gttccaaccc aagggaaccc anggggggaa tcccaagggg gaagggttcc aatttgggaa 300
ttgggaaccc cttccaaggc ccaaggccca ccttttcttt gggggaaaag gccccaaaaa 360
cccaaattgg aaggggcca ggtttttttt ttttcaaaaa ggggtattga aaaagaaaaa 420
aataaattac ttggatgcca gccttttctt ttttaacca acaatgaatg aagtgtgaag 480
atggaatcaa gataagttca gaaatgcatg actttaatac atgctaatag tggagatggg 540
gcttaaaacta aaaacagaag tcatgtgatc caggacgcac aatcctctgg ctgatggtag 600
aatttgatct gaaataggag acatgctgtg aaaccagtct aggatggaac agatcaggag 660
ggttctggtg agagtcttct tcaagaagat gatccgcaga ataccattt gaatgtggta 720
aaaggagtta taaacagctg agagaataaa tctaactcag gggaaataga agtggtaatg 780
tatgataagg tcaactctgaa tatgatatat ataatcatgt tatgtaacat tgaatattga 840
tctacccaaa ttatagtgat cttgagaaaa gaatagagat tctacagagt taatttctct 900
tctttgggga agtctcngat actctaaacc aaaatcatga tatgtngacc tgtcagaata 960
tgccaaagat actaatgntg agtgtgcatg gaatactg 998

<210> 3881
<211> 820
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (820)
<223> n = A,T,C or G

<400> 3881
tgtccctaaa acttaagtta ataaaaaata ataaataaat aaaaataaaa aaataaaaaac 60
acattntaaa gggggcaatc cagatggcca gtaaaccatt gtaatagcca gaaattggaa 120
acatatattc attgacaaca ttttaagatta taatatagtc atataatagt cctgatataa 180
caatggaaat aaattacagc tacacacaac ataatggata agtcttaaaa agccacatgt 240
acagaatata taccatgtga ttctacttct gtgaagtcaa gaacagacaa aactgaaata 300
ctcatgtaag gatgcacact aaggtagtaa aactataaag cagagcaaga gagttattac 360
tataaaagct ctgtcgaggg acaggagttg caattaggaa tatacaggga attctgtggg 420
gctgagagga tttgttgatc tgggtgatgg ttacccangt gttttattcac tttgcaaatg 480
attaagttgt atatatgttt tacttaagtg gtatatattca tagtttttaa aggttttaa 540
aatntagaga atacagcctg ggcattggtg ctaacacctg taatcccaca ctttggagg 600
ccaagacagg aggccgagtt caggagttca agaaccgnc tgggcaacatg gcaaaaccct 660
catcttntgc aaaaattttt ttaaaaaatt taaccccggc ctgggggggca tgtgcttttg 720
natagtnccc agnccccctg ggaagcttaa ggtngggagg atnaccttta acccccggag 780
gccaaagggt gcantggatc cccaatgga tgcnccttct 820

<210> 3882
<211> 833
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (833)
<223> n = A,T,C or G

<400> 3882
catttatatg agcaaaccac gttttacata acatgctttt ggtatgtatt atgacttttt 60
acattttctac ttggatttcc tcttcagatc tcagttttcca caaatctgca tccagggttca 120
gggcctctga ttctgcacaa atcatatgag ccaagtggat tgattactag acagatcaga 180
tccttcccc gctaataact ctgccttctg attccagtc tcaaaataaa ttgcagcctg 240
ccattttctt tatgttttat aaggggaggag tgaccacctt ttgtcagttt gcttagtttc 300
ctattctttg ggctcatctc ccatcttttt tgggtagtct tgctaggagt ggttgggaac 360
tctgaagccc cattttccca agttgctgag agctatcaga ctttttagctg caggctaaga 420
gctctgttgc aggcctagtg attggcatta aaagttagggc cangaaatct gtcctcatcc 480
tcaaatgaga ccaacagata tgtattaaag tggagctgga gtttgtcctt ccacccgaga 540
ctaccaaggg cctttgatgc ttaatgggaa tgtgtgtcta acttgctctt ctgacattta 600
gcccgatgaa aataaaatat tntatctgtt taagtcnttt ccnaanaaaa ananncaatn 660
ttntnnnnng cnngngngaan ggagnnnnng ggtntnnnt nctannncnn gnnnnncnnn 720
cnannccnnn nggcnccecg nnnccannnt nnnnttgnnt ttaaanaagn cncnattgg 780
ntnnnnnnan nnnnnnnngg gnnanannnn ncccccnng ccnnttnggg nan 833

<210> 3883
<211> 863
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(863)
<223> n = A,T,C or G

<400> 3883

ggacctggct	gcctgctctg	acaggtacct	gtcatctgcc	caccatgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagctta	gctcaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngtn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnnnttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnggn	natttgcaga	gctngtnncc	gaatatcggg	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttgggnatat	nggccanntt	ttaatntngc	420
caaccnatac	acnttgncaa	agccnttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcgngacttn	gtttnaatan	nccaanggan	540
ataatgggna	attttaaang	annntccctt	tngtganana	antccaaggc	tccattgttc	600
tgcccngttt	tttnonattt	ngtatcccaa	aatgttgtgn	anncttttaa	naaaccaant	660
ggggaaattn	gaaccnctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaaatc	720
ccanttecta	aatcnnaaat	ancccttggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtttg	aaagggngnt	tttttcnant	tnaatttgga	840
aaggtntnn	tanggcaacc	cct				863

<210> 3884
<211> 904
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(904)
<223> n = A,T,C or G

<400> 3884

taggncgttt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tgccccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcaggg	gctggaggat	aaaatgatta	tgataaccca	ntgggtggatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atttcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgctgg	480
ctgttggtga	gtgctancta	ttgggttgagt	gctttgttgt	tgagtgctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgctaa	ctgggtgggtg	aatgccttgg	600
ttggttgaat	gcctaacctg	gttggttgan	tggaattggg	tggttgaagt	tgcccttaacc	660
ttggttgggt	tggaatggcc	taanccttgg	ttgggttgga	aangcctttg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttgggtccct	tgccccctng	780
ggggccccct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	tttttccttn	840
cccanttttt	aaaccctttt	cccccccaaa	ataaaaacccc	cccttatntt	aangggggccc	900
ggcn						904

<210> 3885
<211> 911
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(911)
 <223> n = A,T,C or G

<400> 3885

atatccacgt	ctcagtcggt	ggatgggtaa	tgggatgccc	gcttccccta	ctccagatga	60
ttgatgaaga	aatggaggtg	tatggagatg	aggtgacttg	cccaggatca	gagctttaag	120
tgacagaggg	aatattggaa	ctgaggtttc	cctcattcaa	aagccagtgg	tgcttggttg	180
cactgccaca	ctggagcaga	ctaactgaga	ccgctcttga	tgggtccttt	tctacgagag	240
gctttgcctg	ccacctgcca	gcatcagggt	atcagaagat	gtggtatgaa	gaccattcag	300
cccgggcgca	gtggctcatg	cctgtaatcc	tagcactttg	ggaggccagg	gcgggtggat	360
cacgaggtca	ggagatcgag	accatcctgg	ctaacacggt	gaaaccctgt	cttctattta	420
aaaaaaaaaa	caaaaaacca	aatactcagg	gaaatagccc	ttcagnttnc	ttcacccact	480
tcagaaaaaa	tagggaaaag	gaaaagaaca	gggattggga	aaaaggaaaa	aaagnaaaaa	540
ngggangggg	tccgctttta	agcccttang	gagggtttta	agaattaag	ttcttggggg	600
ccaaatanta	agtnggagga	ancccttggg	ccttctttan	ttttaaaaaa	annnnnnnnn	660
nnnnnnnnnn	nnnnnnnncc	tttcgaagcc	ccttttttaa	aaacttttta	gggggggggc	720
cgtantttac	cgtngaatt	ccccgnacct	tggntaagga	tncnttgggt	tgaagtting	780
gaccaanccc	caacttgaat	gccgtggaaa	aaaaatcntt	atttgngnaa	attgggagct	840
nttgcttttt	tgnaaccttt	ttagntgcat	taacaagtta	ccaccaccat	tgcttcnttt	900
ntgttaggtc	g					911

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3886

tcacctctct	ccccaaagaaa	aacatgtnaa	atgcnagact	gtgtgctctt	aatgacatct	60
atattaaggg	atctgaantn	tccatcataa	atgaacatgg	tacttaccaa	atatcttctg	120
ataantcatt	cagtgtctcag	gntctatgtt	tnttctcctg	tccaagagtg	aacaaactac	180
acatnaccaa	aatattgtaa	ggctaagnaa	taataacggt	gactgnnaaa	atgggaaatg	240
agatagcgtc	aaacgtttgt	gacaaataaa	agcagtcacn	gtaaaacactg	gnctttncan	300
ccccatnaat	gatgactttg	tncccaactt	gnattcccaa	cngcatcnca	aanagtaaaa	360
ngagtcacat	ggganataaa	acatcatttt	tatcacaagc	ttataacggg	tnattttttt	420
ctgactntgn	gttggagggg	aanngggctt	gctnatattg	catgcagcan	ngaacttacc	480
cgncatatgg	atgcctccct	ctatgctagt	ggctctcncc	tttatggccc	anggatcana	540
ntcatggaaa	gacaggtatc	cctgngggaa	ggtttnggga	tgaaantggg	tcaccttaaa	600
tcacagggca	ttaaaattct	cataaggcat	gtgcaancta	aatctnttna	catgtgcagt	660
tnacaaggaa	nggggtggca	cttcctctga	aaaatctaata	gcctccctgg	tctgccagga	720
aggtacaact	tggnttggga	angnttgntt	tggtcncngg	tccacatcct	ggtgngccgg	780
ngnggntncc	canaaggccn	ccggctggtn	ncnaattan			819

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)

<223> n = A,T,C or G

<400> 3887

gaactgaaag	atgatgcaca	atcagtagaa	actctgggaa	agccaaaagc	gaaacgaatc	60
aggacgtcaa	aaacaaaaca	agcaagcaaa	aacacagaaa	aagaaagtgc	ttgggtcacct	120
cctcccatag	aaattcggct	gatttccccc	ttggctagcc	cagctgacgg	agtcaagagc	180
aaaccaagaa	aaactacaga	agtgcacagga	acaggtcttg	gaaggaacag	aaagaaaactg	240
tcttcctatc	caaagcaaat	tttacgcaga	aaaatgctgt	aatttcttgg	gaagatttta	300
atgtacacct	atttgtaaag	tcatacagaat	agtgtggatt	attaaatatc	tagtttggaa	360
gaaaataatt	tatataaatt	attgnaaatt	tttatgtaaa	cagaangtct	tcaataagta	420
aagtaactcc	atatggagtg	attgttttcag	tccaggcaat	ttttctatct	tatattaaga	480
cttcatacat	ttatatatgt	aaatatggct	tattaatgga	atgttaaata	aaatgtatac	540
ttcaaaaaaa	aaaaaaaaaa	aaaaaaactcg	agcctntaaa	actatagtga	gtcgttttcc	600
gtagatccaa	ctgataagat	acattgatga	gtttggacaa	ccacactnga	atgcagtga	660
aaaaagctta	tttngaattg	tgatgctatg	cttattggac	catttagctg	cataaacagt	720
tacacacatg	cttcnttatg	tcagtcaggg	gngggggagg	ttttatccgc	c	771

<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1232)

<223> n = A,T,C or G

<400> 3888

gatttgaatt	cnatacanct	acttgttctt	tttgcaggat	cccatcgatt	cgcccaggga	60
atgctggctt	cctcctattg	ctattccttg	cctttcctaa	tgccttgaat	cagtgcattc	120
attcatnngt	tcatttcaat	cangaaatat	ctgttttagca	caaacatatg	atattttattt	180
atctaaagtg	ggaaaaagaa	atattnggna	tntcttcaag	tggnttgggt	nncctggctt	240
ccctggagga	atttttataa	aaccgatnnc	caaacatttt	tttttttcca	ccnagnccaa	300
gggttttggg	nttggcatta	ttggttattn	caaaaaaagg	gttcncctta	aaaaggaacc	360
accaaccccc	tttttttaac	cccccggttc	caaaaattttc	ctttacnaag	ggtcgggaan	420
gtnccaattt	nttttttcct	tnaaaaaaaa	naaaaaanaaa	aaagggaaaa	ttgggtgggt	480
tttaaccana	ccaaattggt	ttttaagtaa	aaaaaattttt	ttttaanccc	ccancccaaa	540
aaagngttgg	gttggnccca	nttcccccca	naaanggggg	gggnanattt	tttttnnaaa	600
aanttttttt	tnnnnnnnnn	nngggggggg	gggggggcaa	aaaaaattttt	ggggggaaaaa	660
aaccaanggg	ggccanaaaa	atgggggttc	nttnaaaaat	tttaancccc	nnggggggggg	720
ggaaaccccc	caatttggaa	aatttanttt	ccaaaacgtt	caaaaaaaaa	tttaaaattg	780
gngggtnaaa	ttaaacctt	ttttngggga	aatngggggg	ccntttaaaa	aaaattaaac	840
cctttaaacc	cttngggngg	aatttcccaa	nttttaaaaa	attancccca	attttngggg	900
naaaatttgg	gggnaanttt	tgggaacct	taantttttt	ttnttttttg	gaanccattt	960
gggcccgnaa	aaaaaaaaata	atttttccca	aaaaaaacca	anttaacca	gggttttttt	1020
ttaaaaaaaa	aaattggggg	gcnttnttg	gaaaaaacca	aantnggttg	ggctancccn	1080
gggttgccc	acccancccc	aaangggggg	ccccttnggg	gggttttttt	ttcttnaaaa	1140
nnggnaaaaa	atcctttttt	ggagggccaa	anccggggga	ancccaaaaa	anaaagggtg	1200
ccccnacntt	taccaagggn	nnaattgtgn	tt			1232

<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (835)
 <223> n = A,T,C or G

<400> 3889

gagcctgatg	cagcttgtct	gtctgatgct	tttgttcccc	atccacgtcc	cccccagtgc	60
tgaagctggt	tcgtgtgtcc	ttacagtgtt	tcctctgcac	ttccacttgt	ggttgataag	120
tggcaggggg	acaataaata	gagttgatga	aagatgggct	tgggcagcag	tgggccccag	180
tgaggcagaa	atgagaaaag	gactcctggg	gcagaggtgg	agtgacaaaag	ccttgagcac	240
gaggggtgtga	aatgtgaact	tggtgctgac	ctctattggg	cagccggggc	accacggagg	300
tggatgtggt	gtcagtgaga	ccagtgahta	atttttagcag	agatacttta	gggatgactt	360
ggggagggca	gcangctttt	ttaaaatata	tatacttccc	aaaataacat	tgcttcagag	420
tagtttcccta	actgccctgg	gacaggcctg	agatcctgtc	ccagggtact	tggggggcac	480
atcctgtctt	agggagaggt	attcacctnc	ccattcccat	ccccagtcct	ggctgctttt	540
cctaaatgca	tcatttatcc	cccacattgc	cccattctaa	cccatatcac	ctcttttagag	600
ataccttnc	cttcattgag	ggagcatncc	tnttataacc	attaacttcc	atattctggc	660
tgggtttctt	ttaaaagcac	ttgtgnaaaa	tttnggaagt	antttaattt	ggttaaaacc	720
ttcattggcc	tcttttccct	ccatttaaaa	aggngaacct	nccttgaaaa	acaaggggac	780
ccggggggga	ntctaantant	aattcacctc	ttggattccc	ttaanccccc	taaac	835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (880)
 <223> n = A,T,C or G

<400> 3890

tgtgatgaaa	agtgaagctg	ataaggggtat	agtgggtgact	taggggtgctg	atttagagtt	60
nggtcagaga	aagtctttct	tgaggagctg	tgtgaggggt	tgttcctatc	taaaggcnca	120
gaggagattc	aggcccattg	aagatgagaa	aacnctcctg	gacnacnttc	ccactttttt	180
tgtaggacac	tgttttgtna	aaattttacat	atatggctaa	atagtctgaa	actatggntt	240
cantggaanc	aaccggtatg	tgcccatgga	agagttttcc	caggaaaaga	aaataattca	300
ttacagnttt	netggcnctc	tgaaaagggg	ccaggagctg	ggaactgctg	aaggctaagc	360
tgctgctatc	tgtggnetca	aatggagagc	cgctatgaaa	atgctgcttg	caagggggcac	420
attatataat	tctatggggg	gatatacccta	atttttagaat	ggaatgaacc	taaactcttt	480
tctggantat	gtttttggat	ttagccccaa	aaaatgcctg	ggganggnng	anggaccccc	540
ttaacttacn	agcccatttg	gcntggttct	ttggggcatt	tggccngcca	gaaganggaa	600
ccagcccctt	tttacctttc	atctgaacct	gggntggcct	ttttttttta	aaggnnaaat	660
nnnnnnngna	naaannnnna	aaaccttggn	nccttttana	actttagnng	ngtccgtntt	720
tncgtaanat	nccacacttg	gataagnntn	cctttgatgg	aggtttgggn	ccaaaccccc	780
cccttggnaa	tgcngtggn	aaaaaaaaang	cctttntttg	ggggnaaatt	tgggggangcc	840
ttttggcttt	attttgggaa	ccntttntta	ggctggccan			880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

<400> 3891

tcatagtccta	aaactatcac	gtctgagttg	ccttaggatg	acagtgctga	cacccagtag	60
gaagtatccc	atTTTTatca	ggaaagtcag	tcacgcgtag	ggatggtgag	gagacgcgta	120
tggatggtga	ggaggggaga	ggaggggagac	ctgctggtgc	ccttgaccca	gggtgaggcc	180
tgactcacgc	tgcttcccc	cacaggccct	gctntgcttg	cctgcttttt	ccagaatcga	240
ttttgcaagc	ttcaagattc	tgttccccctc	ttcgcacaaag	tgaggaaggc	aaataactcag	300
ggtttgaang	gagacctgcc	ggcctgaggg	ctggcaaagt	tgagggcagg	acacctggga	360
tggactcgta	ggctgaccca	ggcccaaaagg	gggctgcctg	ttcccaactc	tttcaactctg	420
taaccatttt	taaaatgagt	ttttgaatct	tgcctcaaat	tgacctactt	ggataaaatc	480
agtgccttttc	ctaacttgat	tttgtttgac	gtggttccct	ctaagaaaat	ggtaggaatt	540
gaaactatTT	gnatatgTTg	aaatTTgtag	gggttcanga	cccatggcag	aaacacttaa	600
actatTTatt	tacagtatga	ctatTTTTttt	tcaaagtnng	caattctttt	gtatattTTta	660
aggcaaataa	tcactTTtacc	TTTTggtgcc	ttncatgcgt	cgcantaagc	actcttTgtca	720
atcatggnaa	ttgggaaaaa	aagatgtcca	tttagttaaa	caagaaaaca	ctatTTTgtta	780
ncatgaattt	agaatggggn	cctTTTtaa				808

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 3892

gaatgtcttt	gcttgaacac	cccagtcac	accttcgtgg	ggcatgatga	tgtggtcctg	60
gagttccagt	ggaggaagca	gaaggaaggt	gagtgggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtca	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tgggcttttag	gaaccagaga	gccagggctg	ttgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgctccag	taagagacgg	aagatagaga	360
tttgcctgtt	gattgtttct	gggactgaaa	gactctgggc	tcacaagtcc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caagggtggtc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcattgtagt	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttgg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttgngaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaacia	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	ggtttttttaa	780
ttccnggccg	gggggccccat	gcatttgggc	cccg			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 3893

taaactttat	tctttttggt	atcgtttgtc	ctctggtagt	gatcagtggt	cagtctttga	60
aaagaaagga	cctatgaact	caacttttagt	tacagcaaag	aaatgagtag	gagacggagg	120
gaatggccag	cagccattga	agagggagag	caggctgggc	ccaaggggga	cccagtattg	180

gcagaaagga	aagctcaggg	tgtcaagtgg	gcctgagaag	ggatcatctg	gctgaacaag	240
agagggtccac	atgtagctct	cagcacacac	ttgtgcattc	cagcttcagc	atttgtcac	300
acgagttccc	cgcctaaaat	gcctgacatt	ctccctctct	acttaactca	tgtaataaat	360
ttttactgaa	tgctgtgaag	tgccagcttt	ctgaacagag	ttggtcacag	ataaaggtgt	420
gttgtagagt	cattaaaatg	gtcaggtatt	tgactggatc	tccagtcgga	aaaaaaaaaa	480
aaaaaaaaactc	gagcctntaa	actatagtga	gtcgtattac	ctnnatccag	acatgataag	540
atcattgatg	agtttggcaa	accacaacta	gaatgcagtg	aaaaaaaaatgc	tttatttgtg	600
aaatttggga	tgctattgct	ttatttggaa	ccatttntaa	gctgcaataa	acaagttaca	660
accaaccaat	tgcnttcatt	ttnttgtttc	aagtttcagg	ggggangtgg	tngggaaggt	720
tttttttaatt	tcncggggccg	cggcccccaa	tgcenttggg	ccccgggacc	ccacnttttt	780
gttcctttta	ntgaggggta	attgccccct	tgngngtaaa	catgg		825

<210> 3894
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (836)
 <223> n = A,T,C or G

<400> 3894						
gccatcctac	attccagtga	gggttgctga	aaaaatccta	tttgttggag	aatctgncca	60
gangtttgag	aatcaganng	tgaacctgnc	tntanangga	tccattttgc	aaaaccanga	120
anacacttta	tgctgcacta	gctgcaccgt	cctcangcag	nanccactct	tcagctaagg	180
tggtactactg	aacaggtggc	ggatcgcat	angcagcact	gtggctgagc	atctntngaa	240
ncnnatggtg	gancaancnn	nttnactggg	tnnnncngaag	accatnnnat	acnttnacct	300
nttgggacca	tganaactgt	ttccagcccc	tantgacgca	gcgaaacaca	tgtatgaaaa	360
caccanccac	tggtagtact	gatcatgatg	tgaagtgtgg	cctntctaca	gttaacngcn	420
cggtgtatgt	gctatgatga	tgacaccttc	ttcctctgtt	gncttgacgn	gcgnccntac	480
ggcaaggagc	gcaatatatg	tantcaagcg	ngagaagggc	cttcnctgnn	aacttntacn	540
cgnaagcccc	tgntatggct	gggnngccct	aagtctttnc	tacaangtac	aggaggcccc	600
ttcataaaaac	tcttcacccc	acatggncct	gnaaaagnac	aaagtggntg	ttaagnctct	660
aacttgatgt	gcgnccgggn	gcannctgag	cttgcaggac	ttgctggggc	ttnaaaangc	720
cngggcnagg	aanttnaagc	tngaannana	aatgangcca	atcnanttgg	gncnnaance	780
aaatcanctg	gggttttttg	gngganaaaa	ttccnggact	ntttncggg	gttttn	836

<210> 3895
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 3895						
tgaagacact	gaccttgtcc	cgctacatct	gcgagatgac	cctgcaggaa	taccactatg	60
tccaggagaa	ggcttccaag	ctagctgctg	cctccttact	cctggccctc	tacatgaaga	120
actcggatac	tggtttccct	tcctggacat	tacagtggct	acagtatctc	tgagcttcac	180
cccttgggtca	gacagctgaa	caaactgctg	acttttcagtt	cttacgatag	tctcaaggct	240
gtgtattaca	agtattctca	cccggtcttc	tttgaagtcg	ccaaaatccc	tgcttggat	300
atgttgaagc	tgaggagat	tttgaactgt	gattgtgagg	ctcagggcct	ggtactctag	360
cagcagccac	agggctaagc	atgcattgta	acagggtata	tttattctat	gntcgaattt	420

gcttttgatc	gctttttatc	atcttttcc	tcttttgnctt	ttcccaaact	gataatgnta	480
taaatattta	tggttgcttg	ttttatgaaa	gaaaaaatat	tgncatattt	gactacaaat	540
ttaataaaaa	aattaatggg	tattggtaaa	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	600
aactatagtg	agtcgattcg	tagatcngac	atgatagana	catgatgagt	tngacaaccn	660
cactagaagc	cggnaaaaaa	gcttattggg	aaattgggat	gctatgctta	ttgnaccatt	720
taactgcata	acaatacaca	catgctcttt	ttgttaggtc	ngggngg		767

<210> 3896
 <211> 961
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(961)
 <223> n = A,T,C or G

<400> 3896						
ggagatgaag	gttggcagca	nctggtcatt	aangtggtta	caaggggcct	tcaactgggct	60
gngcgganct	nctgaagatg	tttgcncaa	agaagggttn	ggcctgggtac	acatnaaaac	120
tcctgggacc	tcggaggtga	tcgagcctaa	ccnggggcca	tnntacagat	atgaagactg	180
agatgaagac	aggagaagg	ncatgctgng	aagtcctatan	actgggcctg	gctcctgggg	240
taaactaatg	ggnacaaann	tctgangatt	cctgcntana	ccacnaaatg	gacagggnca	300
aggcccntga	tggttagccc	atgcctgaca	ctgacnantt	nacagnccaa	gaacacagng	360
atgaagaata	aaaagtggta	caatcggntt	cacttggtgcc	accaggatac	tttcaatgat	420
tgcnttcctg	tnccacaaan	ttcttttant	cttggggcgcc	gacncaantg	anggannggg	480
gaacttatnc	atggacgecc	cctttttctt	cgantgggan	ggaccacttg	aaaacttcat	540
ggaaaggccc	anaggtttac	attggccccc	cattgnacct	tgagcccnaa	gcttgggnaa	600
tccaggaacc	ttngggaaat	ttggggccnc	cttggngggg	cttgaccccc	ccataanaag	660
gttccaagnt	gggccccent	gccttanggg	atnaaagccc	gttttaaacc	aacaatttan	720
ggggttaaag	ggttggcctt	ttttcatngc	ccccccentt	naagngtaaa	aanaaanggg	780
ggnacccttn	tanaaacnc	catngggaaa	aaaaaaactg	nggggccttg	gggnccccct	840
ttggggaatg	ncnccagnag	aaatnccena	ggggccttna	aaaccttttt	cctngggggc	900
aataancctn	aaantttgct	ttnttttaaa	aaaanattcc	ntggaacann	gggggggaaa	960
n						961

<210> 3897
 <211> 832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(832)
 <223> n = A,T,C or G

<400> 3897						
gtttgcangc	tcattggagga	agcagcaggg	aaaaacctggc	gctgcaaaat	gtgcaggctc	60
gaatacggat	ggtcctcgcc	tatctgtttg	ctcagttgag	cctctggtct	cggggtgtcc	120
acggtgggct	cctcgtgctg	ggatccgcca	acgtggatga	gagtctcctg	ggctacctga	180
ccaagtacga	ctgctccagt	gcggacatca	accccatagg	cgggatcagc	aagacggacc	240
tcagggcctt	cgctccagttc	tgcatccagc	gcttccagct	tcttgccctg	cagagcatnc	300
tggttgccgc	ggccaccgca	naagctggagc	ccttggtctga	tggaacaggtg	tcccagaccg	360
acgaggaaga	tatgggggatg	acatatgcgg	agctctcggt	ctatgggaaa	ctcangaagg	420
tgcccaagat	ggggccctac	agcatgttct	gcaaactcct	cggcatgtgg	agacacatct	480
tgacccccga	gacangtcgc	ttgacaaagt	gaagcgggtt	ttctccaagt	acttccatga	540

acagacacaa	gatgaccacg	ctnacacccg	cgtaccacgc	cgagaactac	agcccttgag	600
gacaacaggt	ttgatcttgn	gaccattttt	tgtcaacaca	aagctggcct	tggcaagttt	660
cggtgcatan	aaaaatnaag	tgctacaagc	ttcgagccct	ntanaactat	agtgagtcgt	720
nttacgtnga	tcncacntt	gataagaatn	catttgttga	gtttnggnca	aaccnccact	780
tggaaatgccg	tggaaaaaaa	gcttttnttt	tgtgaaaatt	ggggaaggct	nt	832

<210> 3898

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (821)

<223> n = A,T,C or G

<400> 3898

cttaaatgtta	tcactcattg	aaaagtttct	tttaaaatta	tatatatggc	ccaatcttga	60
actatcttat	tttgggaagg	tttatctatt	tttaatttat	gtcctcccgc	ctttctcata	120
cccagctcca	caagaaaata	cagatctgca	gaaaatgatt	tgaatgccta	ctttctcact	180
cgtccaagga	tgatgctgca	tagctagtac	cactctagat	gcttgggaaga	aaagttaatt	240
caatcaacag	atagtgcatt	agagtttaat	tcttttatag	aactccattt	gagaggggct	300
cttaaaaaatt	aagagcatgc	ataccaaagt	ataataaaaa	aaattaagaa	caaagatgta	360
atggcttact	gcatgagata	gaaaacaccc	atatattgaa	aattgagtct	ttagggctag	420
tttttatatt	attttatata	tatatatata	tatatatata	tatttttttt	ttttgagaca	480
gagtctcact	ctgtttccca	gactggagtg	caatggcatg	atctcggctc	acggcagcct	540
ctgcctnctg	gcttcaatca	gttctcatgc	ctgtagtccc	actgctcang	aggctgaggt	600
gggaggatca	cctgaatgag	ccttgggang	ncaangctgc	aatgaaccat	gaacacacca	660
ctggactnta	acctgggcaa	aaanantgag	aaacccgttt	caaaaaagaa	aaaaaatctg	720
gaataaccta	ttgggccttt	tggttaattn	nnaaangnnn	nnnnnnnnnn	nnnnnann	780
gnnnnnnnnn	ngnnaaaann	nnnnnnnnna	naaaaaaccn	n		821

<210> 3899

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 3899

agttttaact	tgaacccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctcctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tgggtgctct	240
ttgacggcag	gagggaacac	aacctgtcgg	tggctgctgg	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccttgagcan	ggaggaaggg	agagggacaa	tgggaagcttt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcaggtgtna	tgggaattgga	ataaaagcag	gangctcaan	540
gggtgggttt	cttgagttaa	aggacaaaaa	tcgtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	ttttcccta	ctggncctcc	attttttgcc	660
cccttttttt	ncttaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720
ttttggggggg	cttgcttctt	ttgggtcaag	gaaggggtgn	ttgcaaaaaa	tnccttcnc	780

ccangggatt naaatgaaat ngggttggtc ccccttgag ccttnttaac aaccttttta 840
accaggtgt tcaaaaaaat ttntttcccc ccnccnccn t 881

<210> 3900
<211> 812
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 3900
ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
gttctattgt ggagtttttc tggggctgga gaacattctt ttgttatttc caaacactgt 120
ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
gactttccct ctcagacttc cagtcaactc acacttggtc aacaaagtgc atgctgtccc 240
ctaaatatgc aagcagaact gtgtttctgc ctatttggtt tctatagtcc tctacagtca 300
cttctanaga gactaaacca aatttctacc aacttcacag ggcaacaatc aatagtttta 360
tctcaatgac tcttgatatc tcagacctta aactgattca nagaccatgg ggcccacaaa 420
cctaatacaga gtaacgtttt cattgagtac acattcanac atgagaatct tcaactttnc 480
cttttttctc ttggtaaaat gtccacaaat gtgcaggtaa cacctgctgc tactccagcc 540
attcnggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
gaaaattttt atctaaaaat gcaggtcctt ttggttatca aactcagaca ttgaaatgaa 660
agtgcagnta cccctttctc ctcccttgna atatgnattc atctcttgga aactggtcac 720
tattggccnc aagtagatgt atattnaact gggtatancc acattggaca ctgggttttca 780
taccctnaac cctaaaggaa tatggcccaa ca 812

<210> 3901
<211> 815
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

<400> 3901
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tgcatataat gtatctttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
acagactaag cttctaaaaac tagtggttaa gactcccagc ctgaacacaa caacttgga 240
ttaatgacct ntgtggacag atgcctgagg gtgagtcctg cacacactcg agggctcancg 300
cgagccctt gctggatgga gccttggttc anaaaggggc ctctgtaac gggctctggc 360
tgctgactcc agagcaccca ttcttcgggc agcctgagta ctgtctttt tctccccaa 420
actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaagggtta ttgagaagc 480
gctgatagcc ttggcggtgg cactgnggcc tgtgaggggt taaaggangc tgttgctgaa 540
attncgtgga agcatctgcc aagtaagggtg tgcacagact ggcatcggtta cntgaaacaa 600
gcntnccnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
gcattcatcc tancttgaaa tacatgtaat aaangngncc tgcttatttc aacntcggaa 720
ccnnaanaa angcnnaaa aancctcgan cctttaaaac tttnttgagt ttttttct 780
aaatccaaac ttgataagaa acattngtgg agttn 815

<210> 3902

<211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gaggcccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttgggtatt	cacaaaagag	ctggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccga	tcctccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcacccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtatttgtga	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatgggngg	caggcttncc	catgttaaaa	660
aaaggangga	aaccnctgg	cttcnttnca	agccaattnc	tgggaanaaa	aaaaaaangg	720
cttttggtta	aanaaaactg	ggacaattca	agganccttt	ttgggggact	ntaagttgcc	780
aaaaaaaaaa	aaaaaaaaac	tcggnccctt	taaactntng			820

<210> 3903
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3903

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tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgataca	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttcttga	tggaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacacacc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtggg	agacagcaga	cagcttttgt	420
tagtcttcta	accccagcac	tttctcagcc	tcattctgtg	gttcctgtct	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtattt	540
ctataaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattgngct	tcanactgct	tttgggtgaac	tgggttgagg	acataaccgc	ttgtctggta	720
tatttt						726

<210> 3904
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 3904

nnanentgct	acttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggggaaca	60
tgcaaagcag	tagccctctg	aggagcagag	ttaaggctag	tacagaaaag	acttttcctc	120
ccaaaacacc	ttcagtggtt	ggagaggcta	ttatgtcaat	aagtaaagaa	catgctactg	180
tgaaaaaggt	acaggaacaa	aaaagagttg	ccaaaaataa	aaaatattat	tgtaaggtaa	240
aaaatttcat	aaatgggcct	aatagtggga	tggatataac	tgaaaactaa	gatggtgatg	300
aggaagacag	tcaagaataa	atataccaaa	gtagcaaaga	aatacctgtg	caagtagaat	360
agcttgcttc	aaacagatga	gatttgctct	cccaacatca	aaacatatca	caaaactaca	420
gtaattaagt	ccctttgagg	ccagcactga	ctgggataag	caaatagata	aatgggatgt	480
aacaggcctt	atttcaaact	aataggttgt	tcaccaactc	ctagttagat	accctgctat	540
ccattatgaa	aaagaaaaaa	aggtaagttc	tcattcttaca	ccatacttaa	atttcagatg	600
aattaagtat	taaacataaa	aattaaatga	aacatggggt	tncctgggga	ttctaagcct	660
actccaactt	ggaagctgca	aagttggctt	tgtgntctac	atgggaaaaa	aaatagaact	720
gcaaaggaga	atatttacta	ttgactactt	aaacttaaaa	tactacatga	cangnnctgt	780
aaaatagtta	aagatat					797

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3905

gtgnnnnnnt	tgaatctttg	ctactaanng	cttggcnact	ngttctttnt	ncaggnagcc	60
catgcgattc	gaattcggca	cgaggggaag	gtctggctcc	agcttgagcc	cactcacagg	120
atgtcagggg	gaagtgtgac	taaggtcacg	gccacgccac	gtggtgggcc	agctggatcc	180
agagcagggg	ccgttggtgg	cacacatcct	gagtttccat	ggtctaatac	agtgggcttg	240
aaaaaaaaag	gtggatgcag	gatgctggct	gggactgtgg	agtgcgtggg	cagtaagtct	300
taagtgcag	tgggtggaga	ttacagcatt	tcattctgct	ttcctttgac	acctttttaa	360
gatacaaccc	acagttttca	agggtttatg	ccaatgtctg	ctagagggat	cttgcagtag	420
atcttaaacc	ctatagtatt	cttaagagca	caaggaaatt	cttatttggg	ttccattttac	480
aacaaaggtg	gaaattttaa	actaggtctg	gaatttgaaa	tgctgttcac	attaagcagt	540
ttattagggg	gttattttga	aatcggtctt	taagtaattt	taagatgttt	ccacatctca	600
aaaggatnca	tacatttttc	ttcatttttc	tttgagagaat	gtctgttcaa	ggatgtttac	660
caggtttggg	ttttcaaaat	ttcagcggct	tttatngngc	tggcattcca	ttcgacagat	720
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<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3906

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agagnnnnnt tnnntcttan ctactaangc ttggctactt gttctttttg caggatccca 60
tngattcgct gtgaagacct ggaaacagnc aaaaaagact tgccaagctc cagactgtcc 120
agctggatga agatatgcaa gacttatgaa ctttatttcc tcttcacctc tttttggcat 180
cagcggcaaa tcttttcatg aagccccaag gacacaaaac attttcccat tttaaaggaaa 240
acactctagt tttgcaagta tatgcataca agagacttta gattgatctg catgaagatc 300
acagttaagt atacaggagt agaactgcat tattgcagcc tttttgttca cttataaatt 360
tctcttttaa atagatggag acaaaggaca aggtgaaatg tatcaagtca aagtgaatca 420
tttagttgac tctataattc taagggtcaaa atggaacttg atagtttttt aaattaaaaa 480
atgtatacac ctaacataga aaattaaaga tagctgcaga ccattagaaa taatacaatt 540
gtntntgttt acttttactn catgggcatt gaaaagggtta agaaacataa atgggtcatat 600
ttttaaaggt aagtacatgc atatatatat gcacacacac ctnttttttca gcattttttt 660
gaaaaagtct tggggtctca aacacatttg nctcaaccac attttncnaa atgtgattct 720
taatacctca atnttggtt ganaaaagtg ccngg 755

```

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

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ttcaccatgt ctcaaactcc tgacctcagg cgatccaccc acctcagegt cccaaagtgc 180
tgggattata ggcgtgagcc accgcacctg gcctatgagt ggtcttttaa ttaggaacaa 240
atctaattgga aaggagagtt gactgaagtt ggcccacagg attgtgagct gggcagtgcc 300
ttcatgaagg cttgccacct tgggacgccc cagtttactg ggggtgtctg cggagtgcag 360
aagctttctg gcagctgcct ggggttggcc agaccctgcc tccccctccg ccggccaacc 420
cctagtcctc ttctgtctc cacttgcatt caggggtggc tgctgttctg agaacattag 480
aactgggaag agagatggga gtcacatgga tttttggtgg gcattattct gaactttcgt 540
atccaagtta gtccccctta ttccactgtg ggcattgccc gtctaagcag ttacctgatg 600
cctgctgctg aaanctgctc acaggangcg gcggcgggcc tggcactgnc cttgcattag 660
ncttgngttt gatgtgttct tgngaattac tttgtcagac aaaatattac ccgttgggtc 720
angaattctt ttactccc 738

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<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

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cccatcgctt cgaattcggc acgagggttt ntgttatagg taacaggaaa acaaactaat 120
ncaagtggta atgtgtccag ctaaaaattt ggggttctgtt aagggttaaaa gaaaatttga 180
ggtanccagc agtatctgcc tcagatgctg anaagcctcc tgagataaga gcgtatacca 240
tgtccataac tgaagtttta acattctntg ccaaacagaa ccagaattta agggcaggag 300
aatttgcaag atagaatttg caatttgcaa gaggggaattg caattctgca agagaggggc 360

```

aatttgcaat	ttgcacagag	agggcaattt	gcaagagaga	attgtggggc	cctnagagag	420
aatacatcca	naggaagagg	gaaccangcn	ttacaaattg	aatngaacaa	ggacagatat	480
ctgaaggggg	tttggtagtt	cccantcaag	tatggtacan	ctangtgcac	ttccctggcc	540
agaccaccct	acagtgtatg	atccccctgg	ggagcaaaag	ctgcaagtaa	cacttttggt	600
gccctataaa	ttctgctgtg	gngccactat	acngatcaca	gccaantggg	cattgtncce	660
ttttacacag	gattctgggca	tncacnccan	gattgcacat	ctggcacgan	tgtgtctgga	720
caggaagacc	t					731

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3909

ttctttgaaa	cctnanggct	tgggcnactc	gttctttntc	caggagccc	atgcgnttcg	60
aattcggcac	gagggctcatt	gatagcaagt	aagtacttcc	tgaaggcttt	ccagttcaaa	120
agattacaag	ccattctgcc	tgccaaacaa	attatattct	gaagatgcct	gttttgtaac	180
ccttgatgtg	aatttttttg	tgtctgaaat	ttacaaaaga	atgaaattga	aattgtaaaa	240
cactaaatgc	tttggtttta	ttttgaagta	atctgttact	ttaaaatgtc	aacattagga	300
agccataaaa	caagatatta	tgaaacccan	tattataaat	gttatctaca	tctaaagtat	360
tttaaaataa	cttattggca	gctttattct	ttttttcctt	acaagattta	gaatcttttt	420
ggtttatgtt	ctatttttca	attttgttat	atttttaatt	taagtggcca	atgtggttat	480
gaacaagatt	tgtatgggtca	gcttctgttc	tttcctaaaa	cttcagatna	atatcatttt	540
agctataacc	taaaaaagtg	ttaaataaaa	tgacagatgt	taatttaaaa	gcagccatat	600
gctaattttac	tttttcatat	gatgatggtc	taatgggaag	ttccatatgc	tttcttttgg	660
gcctaactct	gaaaaaggtn	tatgtcagaa	gttctnggaa	atatgtcttt	agccaaggaa	720
ttttattccc	cttaaaattt	ggntacc				747

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3910

caanctaang	gcttgggcta	cttgttcttt	ttgcaggnan	cccatgcgat	tcgaattcgg	60
cacgaggctc	attocagctg	gtctatcgtg	ggcctcanaa	ggtgaagagg	gaccgtattc	120
tggggcccac	natagaccag	ctgtagctna	ttncancctg	taccttggtt	gatgggtaac	180
ctacnaactgc	atcccatnct	gaatatnctt	tgaactccn	cannagtgc	tatttaagtg	240
taaannctcc	tnagagnact	gcnnccnnnn	atngtgnatc	tnnccctgnc	cntnganngc	300
tnnangngcn	ccactactnc	aanccanaaa	gaaaagngtg	ctgntcataa	ngccncanta	360
cggatctgan	ntcatnagga	tnacatttnc	cnaaaggagg	tnaantgnng	gnaantgcnt	420
gnactatata	gaantacacn	ncantctgtt	antcactttt	aatnanntac	tgancctttt	480
ctaactatca	ggcgtnttat	tncatgaatc	ccnccntggg	aagatacatt	tntgaactng	540
ntcaaangcn	aacttcaatg	cngtganana	aatgctctat	ntngggaacn	ttggngannc	600
tnngctata	ttngaaacgn	ntntnacctt	gggactggcc	aagtnaacan	cnttcaatta	660
ccnttaaant	ntantgttta	aaggntncaa	ngggnaggtc	ntgtgnccnt	nattaaatnt	720

aanaagnngn ccatatccng ttnattcg

748

<210> 3911
 <211> 719
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 3911
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 gatgtagagc tgagttgaac ctattcccct gatcttacta atgagggtgc tgatattcag 180
 agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtacct 240
 tgattctcag acatgaatgc tacttggtga attgaaaatt gcattcataa tacatctctt 300
 catagattcc tggccaggaa gccccagaga caaaaacagt ggttatcaat atttagaata 360
 tatcagattt acctggggag ctttatcaaa atccacactc ctaagcccaa tagggggaaa 420
 ctctgatgtg gtaggtttag ggtaagacct gagtatctcc aagaaaacct ccctggatga 480
 tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt 540
 tggttcggct ntctcttttg agctcactga tatcatccct gtggacactg aacttttctg 600
 gaagctttct catctcagga attggtttgg gttactctac aatcagattt ccatncagga 660
 tgtcacggca gtggctcaat actgcacctg tgctcttctc agccnaactg gnetggggcc 719

<210> 3912
 <211> 755
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3912
 ngggnnnnnn cnntttctnc tngctganac cccngtggn ttgnccnact cgttcttttt 60
 gcaggcagcc cagcgtttcg aattcggcac gaggaaaactg tttaantttt aaaggggtgt 120
 attgggtgat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgattgg 180
 gatgccagct ccgttttgct gagattccat tggttctgct ttctaccgtg tttcagcccg 240
 gtttaggtgg caaaacagng gtggaaatgt taggcttcac atcaccgtac cacatagacc 300
 aaaatgagag ctaatatcca ggatgagaat gaacagctct tctaatacagg ctgtcataaa 360
 aataaggaag cttattttat agaagccttt accaaacctc cttctttgac ttgntgntcc 420
 aaattggatt aaccagccca ttcctgcggc caaggaaata cacactggtt aaccagctct 480
 ttactaacc atacctttag caaagagatt ggattacca acaacttgat tgctctggag 540
 actactttgg agttggggta tgagatagta gataggagaa tgatctgtaa gtagatattg 600
 gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac 660
 ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta 720
 cgtagaacca gacatgataa gatncattga tgagt 755

<210> 3913
 <211> 739
 <212> DNA
 <213> Homo sapiens

1201

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3913
 nttnnaanc tnaanggctt ggcnaactcgt tctttatnca ngnagcccat gcgnttcgaa 60
 ttccggcacga gcaaaccocct cctttgtact cgccttcat aatcactttt gcttcacaca 120
 cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat 180
 gtcattgtaaa tggggctctg tgttttgag catcatgcag ctgtaacctt tgattcagca 240
 gataacaatg tgcattggct ctccactcaa ggtaatgctt ttcatattca ttcaagtggc 300
 cgcattctatc ggtagttctt tcttttcat tgcctgagcag tattccatca caaggggtga 360
 ccacagtttg ttctgtgact catcaaagga catttaggtt gcttctagtn tttggtaatt 420
 atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt 480
 tcttttagggg aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgcctgac 540
 tatgaaaaac tgcccacat tttccagtgc ggctgatcac tctgcattct catcagcagt 600
 gaacaagggt tctagttgct cctaccctn ttccagaatgt ggnattgnca gaattttaag 660
 tttanccag tcttaagaag tttngtattg ntatcatatc atgggtttta atttgnant 720
 tccctgaccg gataatggn 739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914
 agggnnnnn nnttntctn atgaactcnt anggctgggc aactngttct ttctncagg 60
 agcccagcgt ttccggtaca aacaccccaa nncaagctt ttcatctgct gcntataatc 120
 acgagtccta tnttctgca ctatcangng tnttntactn cctgctnaan ncnntgttgt 180
 ccatttnatt aagacagaag ttntnttat tgnaaattt gaactgtatc tatgttataa 240
 tagtaatggt aactcantcc aaaggaccta ntnacaggaa gtaactgtc ntacatatca 300
 gtnnatatan ggnntnagt agggacatac tgtgatcttg gnatacttgn aattttttan 360
 nttcctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac 420
 anagcangan tctgtctcaa aaaaaggga aaattcctgg actacataaa ttaaaagtcc 480
 atgaatagga ttggttctta gcatgccct tcnngtgctc agacacttaa tcagaaattg 540
 gacttgangt tanttttatt ctcaggccaa ccttctccag tantgatgaa nanggccacn 600
 cagcaactnt gacctgcan tntggcaaaa atggatcana aaagtgtaan ctaagctgca 660
 tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatngccc atctttgcac 720
 aacctgtggn ctttggcang gcaagggn 749

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915

tctttgnaan	cttaaatggct	tggctnctng	ttctttntnc	aggntcccat	gcgattcgaa	60
ttcggcacga	ggagtatgtg	tccagcgccc	cctgtgggtg	gtgagagaaa	gcagctgcaa	120
ctcaagtgac	taggtggggc	cagctggcct	cgtgcaggag	ggcacgtcac	tgcatacgac	180
ccggccaccg	tgttctgaag	gacagcgcca	aagatgggtt	agagtcactg	ctgtgggagt	240
cttcgtcccc	acacagagga	caggctgtct	agctccactg	tgcaagatga	tgcacaccca	300
gaccagtgac	gtcaggacga	tgtgtgtcac	gacagcaatg	gtgaagatgc	ctaccgtggt	360
cccatacctt	ctgcagcctg	ctgcgggcag	gacgctcagc	tggctgtgag	ctcgtccgt	420
gcccagggtg	ttggacatct	cacagatacc	acacgggtct	ccaaggggag	caccaaggat	480
ggggtctcta	caagagagca	acagagatct	tagtcattct	cagggcctcc	gttgctctgg	540
ctctgccggt	cttctggaca	acggacaatc	caacatatca	atgagatgca	tctgagattc	600
tgtctcanag	tggcaagctt	tggagaagac	ccttcaactc	attgactgag	tcattctccat	660
gctgggagtg	gcttccacag	ggacagtga	cctctgctga	caaaagcccc	tgctattcct	720
taactgtcct	gggc					734

<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3916

agagnnnnn	ttnatcttat	cgcctaatagc	ttggctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggtgatctgc	ccgtctcagc	ctcccagang	agcacgtgga	120
ttacaggcat	gagccaccat	gcccggccct	ggatgtattn	tctatcctag	aatgtccacc	180
tttaaaaatg	aagcccagtg	aaaagtgttc	cccactaaa	atgtggactg	ttttgcttgc	240
agggatgtgt	gggtttcttg	tagatagaag	gctagagcta	gcaccttccc	aaattgcaga	300
ggaatcaatc	ctggcttgtc	tgtgagctgg	ggaggaatgg	aaaggtaggg	gccttgagag	360
tccttaatta	cataggaat	gtcctatcat	tttgtntatt	ctttaaaaag	ataatgggat	420
tctttntn	tggtgttagt	ctcgctttgt	cacgcaggct	ggggtgcaat	ggtgtgatct	480
cggctcactg	catcctctgn	ttcctggggt	caagcaattc	tcctgcctca	gcctctcaag	540
tagctaagat	tacaggcatg	caccaacatg	cccactaatn	tttgtactnt	tagtaaagac	600
ngggttttgc	catngttggc	caagcttggg	ctcaaactcc	tgacctcaga	tgatccaccc	660
tnntttggga	ccaaggcagg	aagattgctg	gcagccaaga	attcnanggt	gcaatgagct	720
atgattacat	cactgngctt	caa				743

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3917

ttntnnnn	ctaanggctt	ggctacttgt	tcttttttgc	ggagcccatg	cgattcggaa	60
aaatatagct	aacactta	gtttgagggtc	tgagcacttt	acattaaata	tttaacctat	120
aaaatgaaat	gagaacttac	ttttattatc	ctcacttata	cagatgagga	aaccaagaca	180
cccagagatt	aataatttgc	ctaaggtaac	aaaattagta	agcatcgtaa	ccaggattttt	240
tggtcagtct	acacaccttc	cccgttccct	cactatagtg	cctgctgcaa	attgtactttt	300
aagctatagt	tggacaaaat	attaaaaatct	atctgggatg	ataggtgacc	aaaaaaaaaaa	360

gtatatattga	aagtatcaca	gtgttaacag	ggcagtgaag	atgataaggc	taagatacag	420
aaaggaaacc	agagagcaga	gtctactgct	tgggactgtg	gctcctccag	gcacctttga	480
ccattcccaa	taaggtagcg	tgagaccctg	agcactcttc	ctgtaccacc	tacacagctc	540
tcctcttcc	ttcctgggtt	tactttattt	ttcactatca	gcattctgtt	gactatattg	600
tcgttatgtc	agtatttgtt	tgttgattac	ccattctcca	tggctaggaa	tgtcagctcc	660
agcctgggca	acaagagcta	actccatctc	aaaaaaggaa	aaaaaaaaaa	aaaaaaaaac	720
tcgggccttt	ana					733

<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3918

agnnnnnnn	nntnnctta	tgccataatg	cttggtact	tgttctttt	gcaggatccc	60
atcgattcga	attcggcacg	agctgaagt	aggttgaggt	gggtgcacgg	agcccccatg	120
ccctcagtgg	gtacaccagc	ctcccagcac	ttcctcatgt	tcaccaaac	ggaagcttat	180
cagagcttgt	tgtttcagaa	ctcaattgcc	agctcactgc	tgaagagatt	ggtgggtagg	240
gctgaaagaa	atatcagtgg	gtctttgtgg	tattcagccc	catcctgaga	tggcctatcc	300
aggggctcta	taagaagtca	cctcattagc	ataaactcac	atgtgaccaa	aaggatcttg	360
ttatgaataa	caaaagatgt	tcttattact	caggaaatcc	caagagttaa	gatgctctgt	420
gtcaggggaag	tggggatgca	gaccaatttc	ttattctatc	acattaacca	gaatcaagct	480
tataaaaatg	tatttttttt	tgtatggtcc	tcantgtgcc	tacttgaata	atttttgctg	540
atttgattaa	aaaattctgn	ttttccattc	tcttttatta	gctgtcccat	agttttaata	600
cagccatcat	cccaagacca	gaagggaagt	aagtgtcat	ttataaaaat	gattgnatcc	660
tncttttcca	tctattactt	ttgngtccat	tatgcatgtc	aagctgggtg	ttgggagctt	720
actctntgna	ccctctatta	gacagang				748

<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3919

ttgaanctaa	tgcnngctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagctttcat	ggtatgtcca	taggtgtaaa	atgatggcct	taatgcttat	aataataagg	120
taggtttttg	tatgtcta	atacagagaa	atttccaaag	actttttaat	ctttgcttag	180
cataaggagt	ttagtcagta	actattacaa	ggaaaaaatg	atcagttttc	atttgtcagt	240
tctataagcc	ccaggcaagt	ttctttcggg	tttgactttt	tattaattaa	ccatatccta	300
agtgtctaaa	gccatgagtc	atttttataa	tttatctttt	tttgatgcc	atcacttcta	360
gttttaccac	tttgactca	caaagaagcc	acaaatggat	taatcattat	gtcatctaag	420
gaaataaate	catggcatag	gggtaaattt	aaaaaatact	ttgtactagg	attttataat	480
agcttaaatt	tattgaagg	ctactgtgtc	acaatcaaca	tgctcagcat	ttttcatgtg	540
ttattttcca	tttgtaactg	gcaactactt	aggattat	agttaaaate	ccttccttta	600
tgggaatgaga	tgtctgttta	ttacgtttac	agccacatta	cagatctatt	gacataaact	660
ccactatggt	aattgtgtgc	ctttttttcc	ccctctctgg	ttcacctgct	caatgggtta	720

aca

723

<210> 3920
 <211> 723
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3920
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 caggaccctg agacatcttg ggattcctgt ggtttaggaa agacctttaa ctaccagctg 120
 gtagttgtct cagcattctt caaatagtcc ggtcttgttt aatattatta ttattattgt 180
 tatttaattt tattttattg caactgtact tagagaatag tctggtcttg agaccttttc 240
 actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
 tgttgctcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
 gccacctagc atgtccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
 cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggagcc tccagcgctc 480
 aagatctccc ttgccgtggt cctttccgtc atcacactgg ccacagtcct ctccaatgcc 540
 tttgtactca ccaccatctt actcaccagg aagctccaca cccctgccaa ctacctgatt 600
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccac cagcatcgcc 660
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgncctct 720
 gan 723

<210> 3921
 <211> 719
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3921
 tagctaattg ttggctactt gttctttttg caggacccat cgattcgaat tcggcacgag 60
 ccaagcagac cttggcatta tagatacagg tttctaaaag ctgatatgctt ggctgccagc 120
 ctcattgggt ggatcaccca caacttcatt ggctcttctt agtgggaagt ggagcatttc 180
 cttggtgaat tcttttccct gaggggcaag atccatgcca cacagctctc tgacctgtg 240
 tgtcacaacc cttatggtcc atgagcaaaa tgggtgctag tagtcatttg ggcatttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 tacttccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaattggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttgga 540
 gatgatctga atacatggta ttgaggacaa acctcttctc caaggctgat ttgataatat 600
 gtgagtttgt ggggtctaaca ttagaataa cactcaactg aatggatgtg gggtaatctg 660
 ggtattttaga cagggtggtt tggtnnggtt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 3922

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cccancgatt	cgagtgggta	gcaaggagtt	ctgtgtaaat	acttggggagg	catccaagcg	120
gagagttaag	taggcactga	atatttaagt	tgagctgagg	ggagtgatct	agactggaca	180
taaatttttg	gagtcactag	tatacagatg	gcatgtcatg	gaactgattg	anattgtttg	240
tggccttaag	atcaagccct	gcnagactgg	agtaataaaa	ctctgggtctc	ccacacagtc	300
agctctgngt	ggggaaaaaa	aagccctaaa	acactaacia	cggctaaagc	ttgggcaaag	360
ganactgaaa	aggttcagcc	nttaaagtgg	gagagtattt	tattattttc	aagaaagagg	420
gaatggtcac	ctctgtcaaa	tgctgntgan	aagttacaca	atgagaatag	agaaatgtct	480
atttggaatn	gacaacatga	tggtgactgt	tttgacaagt	ggnccaaagc	acattgggat	540
gcttcgaaga	gagaatagga	agtgaagtga	atatcgacag	ctcggttaggg	aaatttgctg	600
ctgtaaaaatg	gagagaacca	cttaatgctt	caganggaaa	tgggggtcaaa	aaaaaaggct	660
tttttttttta	attttttttaa	naacaggagg	nccttcannc	atccagggtg	gagtgcatgg	720
ngcaaattnc	cggttaccaa	anacn				745

<210> 3923
<211> 747
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

<400> 3923

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ggnagcccat	cgnttcgaat	tcggcacggg	cctagtagta	ccctgacctc	caggtgcccc	120
tgactctggg	aaagcctttc	tgatgatctc	aagcttgcan	attctgtccc	tggtctgacc	180
gggggtcaca	gcctagtggg	agaacaggac	ctcctgctaa	gatgctggaa	ggaccctttg	240
ggggagctga	ggcctggctc	ccctctcccc	aggcgcaggt	gcacaggcgt	gtgggctgtc	300
tgcaagcaca	gatcctgcct	cacagcacca	ttaccacaat	aactgaatct	gtgtttcctg	360
gctgctgtta	attgtgctan	agatttgggg	catggttttg	gggtgaaggt	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gacccagcag	540
ggagtggccc	ancnggtttg	cttcaatgac	ccangatgtt	tccacaantc	ggaaaggggt	600
gctatcttnc	tgtctgttac	ttagaaagtt	ctatcttacc	ccnggatct	nacttacacc	660
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ttgctttccc	cacnccatta	nnacccc				747

<210> 3924
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3924

ttntnnncta	cttgatgntt	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	aaaaaacana	aaaaaacctt	gttttcagtg	ttatgggaga	gaaatgaaca	120
atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaagt	ccattcacca	180
aaaaagcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tggtctagaa	240
attaagctac	ccagtatgga	agggctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcctgaaaat	aacaaggagg	360
tactcatttc	acgtttccct	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcatttt	gctaattgagg	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	ggtgtgatac	acaagcacag	agaggtnacc	agagagcaag	600
gagggcatgg	aaganaggcc	tntnactttt	ggactgggaa	nggagaaaga	tgtangacaa	660
gaaaatcttt	cccttaagga	gcttgatgct	ttgaacttgt	gccctngngg	aatgaanaag	720
ttnaccant	tngggcttan	cnt				743

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3925

gnanctaata	ntgcttggtt	acttggttctt	tttgcaggat	cccatcgatt	cgtctagact	60
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tggttggtgac	cagaggtagg	caaaggaagg	cctgtggggc	aaatctggcc	agctacctgt	180
ttttataaat	aaagttttat	tggaacacaa	ccatgctggg	gtttgtttca	tatttctctga	240
ggctgttttc	acactgcaat	ggcagagggtg	agtgggtgac	acagatgccg	tctcaccaaa	300
gcctatgata	tttactgtct	ggccctatac	anaaaaagct	tgttgacctc	tggttagac	360
tgtcaggtgg	tananaactaa	ggaggagtg	ataagtcctt	gttggccacc	tgaggttttg	420
nctgtgtcag	gaagctgcag	atgggagatg	tccaggcagt	ggctcanaag	aacctatgga	480
ggacccatta	aggggaanggt	tggtatgtgg	acaccancca	cgcccangtg	aaccanctgt	540
gcagtcaaat	acanaacttn	ccgtccctta	caccttccct	ctctgnggtt	tcaatttttag	600
tgaaagtcan	ccacaccnca	nangtngaac	caaccctgtc	agtcaaaatn	caaaactttc	660
cttgccccct	taaaccttcc	tttttncctg	gtttccaatc	ctggtggaag	gtccataagc	720
cccagtcctt	gaanccaagg	nng				743

<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3926

ggggnnanng	cccttntctc	angcngtaac	tctcggggaan	ggccccggcn	cttgttcttn	60
cnnacggnag	cccatcgctt	cgctcnacna	catnntggg	ccctttttca	tggttgattna	120
tgncnagtgt	nnngggacag	gaccattcan	tggttggnnt	nnaannttga	tgngtntaan	180
tgcnnntaga	ataaanngaa	cagancaaaa	taangnnngg	ntagnaggaa	gatggnatgc	240
acatganaag	ataanggcag	cagnanaggt	gaggggaanga	gtggatatng	gggaatgacn	300
ttatnaangc	cangaaacta	gaatctnagn	gacggaaaag	ctnnaaaagn	tctgagncnc	360

ttnnncnanac	ggnggggtacc	cngggggtcga	acaaaccgnc	ttcttttgaca	tgttggtanca	420
tactgaacan	ggnttcnnaa	tctgcggcc	aangnaagac	acgnagncta	nccnagtcgc	480
tanngccnna	accaatggcn	attncnaggc	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgaggc	ggganaaatca	cttggaccca	ggaggcatga	anttgcangt	gagnctnaga	600
acacgccaat	gncatacgcc	tngnnccccn	anggnccnaa	aacccccggt	cttaanaaaaa	660
angggaccca	agaaagggng	gaatccccca	accccgcccc	nntagaacca	tnntcaccct	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntaggnc						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3927

tnnttgnaan	ctaangcttg	gnagctngtt	gttcttnenn	caggntncca	tcgattcgtc	60
tgtggttgga	agcctgaatg	tgaatcgctg	caaccagacc	acagggcagt	gtgagtgtcg	120
gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aaatgccagt	gcaaagtggg	tgtcattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	cagggtgcttg	tttaaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaag	aaggatttta	tcagagtccct	gatgccacta	aagaatgtct	480
tcgctgccct	tgttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gaccccgatt	aaaactccca	aagatttgta	agccnaaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3928

agggnnnnntn	nnnttnncta	ctgnaacctc	taanngcttg	gnacttggtt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggc	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgtcttaacc	ctgttttcac	ttatcagtc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtctct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggctataga	tcacagtact	tgttcctcgt	atttgcgtta	actngtgtga	atatgcagcc	540
tccgtgagat	atttgcatac	tgttctctgtg	aacacacagg	acaacagact	gtcttccgca	600
gtcatacact	cagtcataat	ctcaaataag	tattccagtt	caaagtata	aaatcagtag	660

tcttacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaat 720
 cccaagtctt aatactgntt tctnccnacy aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
 ngngnnnnnn ntttnnannc nnttggaac ctgtgcnagg ctcttggttct ttttgcaggn 60
 acccatcgat tcgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
 aaattatata gtatgtctatt ctgggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
 gtggtagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatttatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 ttttagcaatt aggctttaat gaccttaca agtgaacata actgaacaca ngtatTTTTc 480
 caatgcaaga tgaggatgaa aatnttacat ttaacccat ctggctaaag ttttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tntttgcag ggtttcacat gtaaaactgc 660
 acttgccctg naaggatnnt ggnaanaatc tngtTTTTc ctcagncnc nttnagaaca 720
 gtaaggggnc ctaacctnnt ttaacccgta aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
 gnnnnnnnaa gngnntnnnn tttgatancn tnttnaanct taanggcttg gctacttggt 60
 ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tcgggggctt tgcgtgtccc ctcanctgtg 180
 cagggcccac tccttctctt gtccctggct ctgcttagcc agcgacggg cagggaggca 240
 tgggtggcca gcccgcaagg agccaggcct ccagcaccc cttcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtccctggctt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgccaaatt ccaggcctaa gccttgacac agcctggcag cttctgcttc tgaattgcag 420
 gaccccaact gtcagtataa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cacgtgagag gccacatana caggccttgt ggagagggaa aggtgctgag actacctgga 540
 angggagccc agttgaccaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatcccg ggccgttcca ancttggnc ancgccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggcncanct 720
 gaancccan ttngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnca 788

<210> 3931
 <211> 460

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 3931

ttcnaccagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggcttgt	60
tctggggaaa	gtcatataa	gtatggattt	tattcctcaa	ctagtaggat	accaatactg	120
gtattgaaac	ttggggaaaa	taactggaga	taccagtgc	gctatttaaa	gctgtagcaa	180
gggctgcaat	cttgcggaga	ttttaagag	aagttttaaa	gtttctaata	ctgatgcctc	240
tttttggtaa	atacaagttt	tataaatcct	gccctgggat	cctgattccc	cattaatcaa	300
gatttgtcag	acttcacctt	ctataattag	aaaacacagt	tataagaaca	gtcaattttt	360
taaattttcc	aaattaaaaa	attgcaccat	gattttgaac	aagcacttcc	aattacatta	420
cccattctgt	atgccatagg	tgggagtata	attgtcacag			460

<210> 3932
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 3932

anctaangct	tggctacttg	ttcttttttg	aggancccat	cgattcgaat	tcggcacgag	60
attttaagt	tgcagctcag	ccgtatttag	tgtattcaca	atgttctgca	accaccagcc	120
tcttgagtag	ctgggtgtgc	accctgcacc	cagccagaag	tggaaatat	tggtggggct	180
gggcttagag	ctggagctgg	tggccggctc	tgctcgctta	cagaattctg	taagggtttc	240
gatttctctc	agcccatctg	tccttcactt	gcaagcatct	gatgactgct	gcatgtacca	300
taaaaacatg	caaatatata	attcttggct	ttgaggaggt	gaccctatga	aattgactta	360
aaaaagttgg	gctggatata	gtggctggcg	cctgtaatcc	cagcactttg	agaggctcag	420
gccggagggt	cgcttgagcc	caggagtttg	ataccctgtc	tgagagagaa	ttagctgggc	480
atgttagtgt	gcgcctgtgg	tcccagctac	tcaggaggcg	gggcgagagg	gatccttcca	540
gctgagatgt	gagggttctt	tgagcccagg	aggctccatac	tgagtgagc	catgattggg	600
ccactgcatt	ctagcctcag	tgacagantg	agactgttta	aaaaaaaaaa	aaaaaactcg	660
agcctntnaa	ctatagttag	tcgtattacg	tagatcnga	catgataaga	tacattgat	719

<210> 3933
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 3933

agagnntnnn	nnttggtgac	tctaattggct	tggctactng	ttctttntnc	aggagcccag	60
cgattcgaat	tcggcacgag	gcctggcgaa	tttttttgt	atttttggt	gagtttcgtc	120
atgttgctta	ggatggtctc	aaactcctga	gctcaagtga	tccacctgcc	tcggcctccc	180

agagtgtctgg	gattacagtg	tgagccacca	tgccctcacct	aggggtgtttg	gtttttaagt	240
gaaacatgca	catggtaaac	attaaaaccg	tctaaaaggc	tggaccatga	aaagcaaggc	300
tcccttctcc	caccaatcc	ctgaattctc	cctggagagt	atccctccta	agtgcacgca	360
cttcactct	gttccatttc	tgccgtgtta	aactacttag	tgagcttag	tgtagtgga	420
cctgcttcag	aataacccat	atgggtcttc	tttattctca	tgaaccacag	agcatttcat	480
gtgttgata	tattgtctcc	tacttacgga	catttggggt	tgtttctggt	tttgtttggt	540
ttgtgacgga	ctcttgcctc	gtcaccagg	ctggagtgc	gtggcacagt	ctcgctcatt	600
gcaaccttca	cctcctgggt	tccaacgatt	cttccctctc	acctcccaag	tagctgggga	660
ctacaggtgc	ctgccaccat	gcccactnat	ttttggattt	tttggtaaaa	caggggttca	720
ccatgtttgg	ccaggcttgg	tn				742

<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 3934

agtttnnnan	ntnaacnnnt	tgctgccata	gcgtggcttt	ttgcaggacc	catcgattcg	60
aattcggcac	gagggggccc	ccatttttct	caaatnccct	gagcctcaag	aggtggngga	120
agagtgaag	aagtacctgt	cgtanggaga	tttgggtaga	agccctcatg	ctgagctttg	180
tgtccctggt	gatgttgga	cattaatgat	ggaacatggc	caaacttcag	tcagatcct	240
gaaaccatgg	cttcaggatc	atgactgaag	tcattggttc	ttccctgcc	gaaatgaagg	300
ttcagttatg	aggcaaccct	ctagtaaggc	attgtaaaag	ttactggntt	nggtttaata	360
aaagtgaag	tanagtanat	gaaaganaaa	ananaaactc	nagcctctag	aactatagtg	420
agtcgtatta	cgtagatcca	gacatgatag	ggatacattg	atgactttgg	acaaaccaca	480
actagaatgc	actgaaaaaa	atgctttatt	tgtgaaattc	gtgangctat	tgctttattt	540
gnaaccatta	taagctgcaa	taaacaagtt	aacaacagcc	aattgcattn	catttcatgt	600
ttccaggttc	aggggggaag	gncttgggga	agggtttttt	taaattnnac	ggggccgccg	660
tggnccaatg	centtggggc	cccgggtacc	caagcttttn	ggtnnccctt	ttantgnaag	720
gggttnaatt	ggccccccct	tngggcntta	aatncatngg	gncantaacc	tnggnncccc	780
cnggggtggg	aaaaattttt					799

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3935

agagnnnnnn	ttgannctaa	tngctggtn	ctcgttcttt	ntncaggagc	cnancgantic	60
ggtaaattcc	tgggttccag	gctcaagcct	tccactgtat	gctccatggt	accagctatg	120
ccttttgaac	gggagatggt	gcataaataa	ttgttgagta	tgcaacttag	attctttgct	180
aacatcacat	ttggtgaaac	tataaaataa	ttcccatgaa	aattggattg	cttaatatca	240
taactgatat	ttaataatat	ttaatatgtc	tctaaaattt	ctggctaaaa	tgaaaatatt	300
caaccatcag	gaaggagaaa	caaaactatt	actgtttgta	aacagtttat	catcagtact	360
tacctaaaaa	tcctggagaa	tgagctcaga	aatatttcta	agagttgaga	cagtttagca	420
aatgaacag	atacaacctc	aaaccaaacc	aaactagaaa	gctcagagga	cacagaaatg	480

ccagtactga	gctggcaaca	cctctgttgt	ttgtgaaaat	gttctcttga	acacatggac	540
acaggaaggg	gaacatcaca	ttctgtggac	tggtgtgggg	tggggggatg	ggggaaaggg	600
ganaantnec	nnnnnnnnnn	nnnncccant	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nttnnnnnnn	nnnnngggnnn	nnnnnnnnnn	nnnnnnctttg	gnnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnccnn	nnnnnaaaan	nnnnnnnnnn	780
ntnnnnnnnn	tnnnnnnaaa	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn	834

<210> 3936

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3936

agagnnnnnn	tttttgaanc	taatggctgg	ctactngttc	ttntntncang	atcccatgcg	60
attcgaaattc	ggcagcagtg	gaagctctca	ggccaaggtg	attgacagag	atggttttga	120
agtaatggaa	tgtataaaaag	gagaccagta	tattgtggac	atggccaaca	ccaaggggtca	180
tacagcaatg	cttcatactg	gctcatggca	tcccaaaaata	aagggagaat	ttatgacttg	240
ctcaaagtat	gcgactgtga	ggacgtggga	agttgaaaat	ccaaagaagc	aaaaaagtgt	300
gtttaaacca	cggacgatgc	aaggcaaaaa	agtcattccc	actacgtgca	catatagtag	360
agatggaaac	ctcatagcag	ctgcctggcca	gaatgggaagc	atacagatct	gggaccgaaa	420
tttgactgtt	catactaagt	tccactataa	acaggctcat	gactcgggca	cagacacttt	480
tgcggtgactt	tttccctatga	tggtaatgtc	cttgccctctc	gtggaggtga	cgattcatta	540
aaattatggg	acatccgaca	atttaataaa	ccactttttt	cacctcgggt	cttcccacca	600
tgttcccaat	gactgactgc	tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	660
ctattcaaag	agggatgtgg	cancggcaaa	cttgggtttct	ttgaaccgta	ggactttcca	720
aagggtgtat	gaaatagaca	tcccagat				748

<210> 3937

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3937

agngnnntnn	nctttgaatn	tnatgctggc	tacttgttct	ttttgcaggt	ngcccatcga	60
ttcgaaattcg	gcacgaggta	agatcctgcc	tcaaaaaaaa	aagtttatgt	tctcaaagtg	120
ctcataatct	agtgttagta	cagtatttga	gatattagag	cagtttctcc	tcctttttgca	180
actaaggaca	tgtatcctta	aagcagaagg	aatggcagag	tcgtgtaata	aaccttcaag	240
taccattact	tagcttcaac	aactatcgac	actctactgt	tcttgtttca	tttatgcctc	300
acctccttcc	catccccac	ttgaatatcc	tcataccttt	tttacagtgt	ttaagataac	360
aattacataa	ctgaaatgca	caaatcttag	ctgtacagtt	ttgacatatg	gatacacctg	420
tgtaaccaat	gactgtatca	caacatagag	catttcatct	ccccagcaag	atccatgtgt	480
cttttcctag	ttaatgcctc	tttattttctg	agatgggttat	tgctctgctt	ttgtttttca	540
tgtaggcta	gtcttgctg	ttctagaatt	tcatataact	gagaacatac	agnaatgtac	600
tcactagtag	tgtctgactt	tttcacaaag	gataatgtct	ggcggtatcc	attcatgctg	660
ggngtatgca	tcagtagttn	attntctttt	tactattaag	tagtggttcta	aggactattt	720
taatagcatn	ccacaaangg	ggtntga				747

<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3938
 agtntttcnc angannactn antgggctgc cctactcggt ctttttgcag gnngcccatc 60
 nattegaatt cggcacgagg tgtgggtcan tttcatcaag tactttacaa ggtaatagaa 120
 tatcacaagg caagtggagg caggggtgaga tcacgggacc agggcgaaat taaaattgct 180
 aaatgaagtt tcgggcacca ttgtcattga taacatctta tcaggagaca gggttttgag 240
 atcaaccagt ctgaccaaaa tttattaggc gggaatttcc tcttcctaata aagcctggga 300
 gcgctatggg agactggggg ctatttcacc cctgcagttt cgacagtaag agacggccac 360
 gcccgagggg ccagttaaga gaccacccc caggtgcgca ttctctttct cagggatgtt 420
 ccttgctgag aaaaagaatt cagtgatatt tctcccatth gcttttgaaa gaagagaaat 480
 atggctctgt tccgcccggc tcaccggcgg ccagagttta aggttatctc tcttattccc 540
 tgacaatcgc tgttatcctg ntttttcaag gtgcccacat ttcataattgc tcaaacacac 600
 atgctgtaca atttgtgcag ttaatacagt tattacaggg tcttgagggtg acatacatcc 660
 tcttcagctg acaggattaa gagattnaag taagtaaaga caggcatagg aaatcacaag 720
 ggtattgact gggggaagtg ataantn 747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3939
 agncnttnnc canntnnact nctntggctg cncataactcg tctctgccc annangacag 60
 ggcnnngcga atncggcacn cagaggcagg tgngtttttt aaaaggtnaa cacaccngtt 120
 atgccttcnn gtacgggcat gcgagccaga agantntgca nctgcnngga gagatgaagc 180
 naaactntgc aacattcaac tgcattaaan aaaaatgatg ccnanagggc ctttgagcaa 240
 gaaatgnngg nngatnaang acaccgngg ccngaactct gcgcgggaca tnnnggttat 300
 ggctctgtna gctcntaacn ctgcagntga cccagacnnc tannggcngg actaggggat 360
 gangcggctc actgtgggcn ntncgtgaga ccncaggnc nncatgatga ctgnaaacag 420
 antcccanan actctactgg atcctccctt ttccttgcta acacatgaaa ctgatccagg 480
 atacacagcg caanaagnat ctgaatggca gtgaattctc ttnaacataa cccgcnatgg 540
 cnatnggggc ttcantggaa tagangggta caggtcaacn ggggttgacc ctgcggnntn 600
 gnnngnncan cggcnttntg agncanaaat acncgtaang ccaantttac agccatgaan 660
 caaggatccc ccnttngggn tttggggatc atcacggnat tgntgttggt ggcantaacg 720
 ctgaaatgga aaagggaacc ttgccctta natgaccctt tggggaaanc ccctnaaan 780
 ggaatcgtaa aagnccaanc nccaangtcg 810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 3940
agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
cgantcgaat tcggcacgag ataacttcta aggaaacaaa ccaccctcac atgcactatc 120
tcattttgtat ttctgtcaat tctgaaaggc cagcattttg ccagtattat ttgaatctgt 180
attgtatttt ttaaccagaa gaatgaaggc ttatagcttc attcttttgg aagaggaggc 240
tggagaccac aggttaaagt caggtgcacg gctcttggcc ggccctggaa gggtcctttc 300
tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
gacagagatt aatcatttat ttgtgaaggc tttttctgcc ttgctttctt gttctttttt 420
aaatcttcac attgttttga tcccaaaatg tttgtgttgt cttactcaa aactaggaaa 480
aacaattatg tggtaagagg ctcaagacca cttacttaaa tctcactaga tttatttgtg 540
agaacatctg ttttctgata tttagacact tncctctcca ttgctgtttc ctatgactca 600
tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
tttttaaaaa tgtaattat attggcccaa taaatgagta tgtgttgtca nggggactgt 720
ggctgggtca ttgcatgtgg aaggggaan 749

<210> 3941
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 3941
agnnnnnnnn ttttgnntct aatgcttgge tacttgttct ttttncangt tcccatcgat 60
tcgaattcgg cagcaggggc catgtacctc ccggacaccc tctctccacc gaccagctca 120
agtcacacact gcagaccctc ccagagattg tggcaaagga agcacaggcg aaagtggccg 180
agggtggaggc cgagcaggcg gacaacaagg ccaagctgga ggccacgctg caggaggagg 240
cggccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcggag gtggcgaagg 300
atttttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag 360
aaatgcctga cacagtctcg cagtcagaga ccttgaagga cactgccccg gtgctggagg 420
gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta 480
agctgcagga gcagaagaag tcaactacca aggagaagga ggagctggac tgctgaagga 540
ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact 600
ggtgaagaaa aattccgtgg aagaatctaa agccagcaag agattgacna aaagggtgca 660
gcaaatgatc gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct 720
ggcccgga cggatgcct 740

<210> 3942
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 3942

aggtntnnnt	tttgacccta	atggctggct	actngttctt	tntncagggt	gcccagcgan	60
tcgtttttacc	ctcctataat	gcatttttctt	tggatattct	cctagattct	cagggatatt	120
tccatatttt	actattcatg	agtttagaag	agtgtttact	ttcctgagtt	ttcatttcct	180
tcttttttctt	ctgtcatagg	taatttacag	agcaaatagc	caccagagag	gataccgtaa	240
gggatgtgga	aaatgagttc	ctttgcgctt	atccagttag	gttgattttc	agtcaatgag	300
cattcagtat	atgcctggga	ctctggcttt	attttttagc	tttgtgatgc	caaaccctc	360
aatgaacttc	tctgtatatt	tgattcatca	tgaaatgggt	acactgaggg	tggtctgatt	420
ccagggtttac	atcagttgcc	ccagggggaag	tgcttgcccc	ttgtctgggt	gttgctgctc	480
taacttttgcc	ctgttaattg	aagaaatgcg	gctgtaaaaca	cttctggggg	gttgctggta	540
ttttctgtcc	tcacagttta	cagagaaacc	catattttca	gcctcttctc	ctgctttctg	600
tcttttctgg	aaccatcttc	accgacctgg	tgtaatcttc	attggngtgt	gantntgcac	660
agatgtaaca	tctnctcaaa	gcctantgcc	caccttccaa	cttcacgaaa	atctggagct	720
caggaccacc	attcttttcca	aacctt				746

<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3943

agtnnnnnnn	tnttgactct	aatgctggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggggca	ggcttttgaga	ggatcgactg	caattttgaa	agaagttgta	120
ccgtgagtaa	aatgogatca	aacagcattg	catgcttcag	agaaatcttt	cttcacaaaa	180
ggaacaattg	gtgcagcaaa	attaattttc	ttattttaag	aaattgtcag	ccgggtgtga	240
gccaccatgc	ccggccgaca	taggctattt	tttaaaatgc	aagctcttct	gaaccatata	300
atatgatgtt	ttaaaatata	gactctgaag	acaaagacct	gggctcagaa	tcaggcccca	360
ccacttattt	tcaatggaat	cttgtctgaa	tcttgtaatc	tttccaagcc	tcagtttttt	420
catctgtata	atagggataa	aaataatagt	aaacaaataa	atgtatttct	tttgaatatc	480
tagtagtatt	ttaaaaatca	gataactaga	attatataac	tctatgtgct	ttatttttta	540
cttgtttgct	gggaatcaaa	gagcttagtt	ttgttttttg	ntntttgntt	ttttttgaga	600
ccggagtctc	gctctgtcac	tgactacag	cctgggtgat	agaatgatac	tctgtctcaa	660
aaaaaaaaaa	aaaggaaaaa	ggatgaaatc	acacttgag	caaaaaaacc	aangcatatt	720
taaagatttg	ngtattgggt	taa				743

<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3944

agtnntnnnn	natnggaaac	cnttatggct	nggcctactn	gttctttttg	caggagccca	60
tcgattcgaa	ttcggcgcca	gattgcnat	tgntttttatc	tgtaagttgt	ctttatcagt	120
ggttctcaaa	gtgtgggtccc	ctgctagtat	agntncagcc	tcacattgga	actgggttaga	180
aatgcagact	tctcaggatc	cacctaaattg	cagnagttaa	ttttaacaag	cccttcgggtg	240
atcctgaaac	atgttacagt	ttgagaaaca	ctgctataat	acgtgtcatt	tnaaattgnt	300
tcaggttgtg	ggggtagggga	ataagactac	caattttattc	atcttctgtg	caatattacc	360

tgtttaccta	actcttagag	atattaanan	attttgaaga	atgtgtccca	tgagattata	420
atggaactga	caaattccta	tngcttagtg	atntcatagc	tgncatgaag	ncttantgct	480
gtaccttact	catgtgtntg	nggtggngat	ngtgtacaca	aatcttctgc	actgccagtc	540
gnctgaaagt	atagcacatg	gccgggcgcg	gtggntcacg	cctataatcc	caacactttg	600
ngaggcttga	tgcaggcaga	tcacaaggtc	aggnanattg	agaccatnct	ggctaacacc	660
ggggaaaccc	tgtctcttct	anaaatncca	aaattagctn	ngtgtggtgg	cncacgtttt	720
gtaatcctgg	ctacttggan	gctgaagcac	caga			754

<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3945

agtnnttnnt	nnatnaactn	nttgetgget	acttgttctt	tttgcangat	cccatcgatt	60
cgtctcaccg	tgatcaagtt	gaggggnttn	cggctccctt	ctacagcctc	agaaaccaga	120
ctcgttcttc	tgggaaccct	gccactccc	aggaccaaga	ttggcctgag	gctgcactaa	180
aattcactta	gggtcgagca	tnctgtttgc	tgataaatat	taaggagaat	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaaatcag	gctcatctgg	cctgtttggca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tgggtggctt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggccccctg	600
ctcaacactg	acccctctga	atggtnggag	gcagtgcgcc	agtgcccaaa	aatcccacca	660
ttantggatc	ggnnctatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gnngngaate	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnnt	tnnntctttg	ngcctaattg	ttggctactt	gttctttttg	caggnaccca	60
tcgattcgaa	ttcggcacga	ggacttgatt	tggtaatgaa	aggacaaata	gctttcataa	120
catgaacata	caaaaataga	tgttttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtta	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatatt	240
aatagtttta	ttagtgagat	atttgaggta	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	attttgttat	ggttgctgac	ttttaaatgc	tgtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcatcttt	420
tacctaatgc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttgtttt	480
gtaatcaaat	gaatagtctc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattggggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaattgg	attagtggnc	720

ttctacattt gatcagtaat gnagatggc

749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3947

agagnnnnnn	ttttgactcn	tantggctgg	ctactngttc	ttntncang	nngcccagcg	60
tttcgaattc	ggcacgaggt	ccatctttgt	agctgacatg	acacatttta	aaaatttcac	120
attaaaatga	aggcatctaa	tggtccatt	atgtctttta	gagtggctctg	gccagctaa	180
ttgcatattg	aaatacatta	gatttgatc	aaattacttt	cctttattgt	ctttctgtc	240
aatcttagga	cattaaatgt	atatgtttga	aattgtgttt	aggtnggtta	tctgagcatt	300
tggttcatat	agtaaagaga	gtgttataag	ttcactgtaa	gccccagggg	ctttgggact	360
natnnggttt	anaacattgc	actaggggaa	atgaattgtt	aagnnatggn	acttctctan	420
actaatgant	catctgantt	aatacttttc	atgtgaagca	tttttaaaga	aagcaaacca	480
gcctgggtgcg	gtggntcaca	cctgtnatcc	cagcactnng	ggaggcagan	gcnggctgga	540
tcacgangnc	aaganattga	gacctnctgn	ccaacatggt	gaaaccctgg	ctctactaaa	600
aatacaaaaa	ttagctgggc	atantggtac	ntgcctgtag	tcccagcttc	ttgggangca	660
nagcaggaga	attgctttga	cccggaatg	gaggttcant	gacccaaatc	gcgccactgg	720
ctctacctgc	acaaatgaga	t				741

<210> 3948

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3948

cnntttaatt	ccatcagctc	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggggtgctt	ctgtatatcc	tgacaacagt	ggccagccat	taaagagttt	tgagttaggg	120
aactggattt	gtggttttag	aaagatcatt	tggtctctgt	gtgaaagagg	ccaaaaccag	180
gagcagaaag	accagttagg	aagctgtgac	agcagttgag	agacgatggt	gtcaaagtct	240
gcagcagaac	agaacagggg	tgacccaca	tggacatcat	ctctgctctt	cagtcacctg	300
tagtgcagag	ttttgaagta	ggtctgagca	tggaaaccgt	agtgggtggg	aaggaaatgc	360
catttgccct	tggggtgatt	aagatctttt	tttttttctt	caggcggagt	ctcgctctgt	420
ccccaggct	ggagtgccgt	gacgtgatat	cagctcactg	cagcctccgc	ctccctggtt	480
caagcaatc	tctgcctca	ncctcccaag	tagctgggat	tacaggcgcc	caccaccacg	540
cctggcta	ttttgtattt	ttaanngnnn	annnnnnnnn	nncntntnn	ntentnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	tnnttntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
ntntntcn						847

<210> 3949

<211> 743

1217

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 3949

agagnnnnnn	nnntnttna	ccnctaata	gcttggtac	ttgtttttt	tgcaggnacc	60
catgcgattc	gaattcggca	cgagcccacc	ttctctctct	cattgtctga	ttgaaagcac	120
caggtctccc	acattgcttt	catctttgtg	ctgtttgttg	tccctttcca	tatctgtatt	180
tatgtctacc	gttagggctc	ttgccgaagc	aggggtggga	acaagaacca	cagatatact	240
tctgtgggtt	gtgaagcatt	gtgtggaggg	ctgtgtacac	agagtacctg	gggcagttgt	300
cacagccact	ctgtgtggta	gctgtctactg	tgcccactct	agaaatgaga	aggctgaagg	360
accacccag	ggccacacag	ccagtatacc	caaaagtcac	acatttgtag	tctgttgctg	420
tctcctgtcc	tatagtacca	cgactagggt	ctcctgtcca	tgtgcgtaag	aatgaccgcc	480
tanccgtcaa	taagatgatc	agcaagggtca	cacggcatgg	cttaagtctc	cctttgccta	540
ctgcatgatg	atcccgggtg	gccagcaagc	agctggaaga	ggaggatggc	aggtaacggc	600
tctcatctct	caccactaga	tgatgcctna	ctcactctac	catgctgggc	caccccaacg	660
ttttcttgcc	acctatggtc	ttttgtancc	cgtgacagcc	actgtttgac	ttcatcgana	720
cttnttgccg	aacaagcacg	aaa				743

<210> 3950
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 3950

agtnntnnnn	tntgaagcct	ctaangcttg	gctacttggt	ctttttncag	gacccatgcg	60
attcgaattc	ggcacgaggg	cagatgtntc	tggagttcta	ccagaagaag	aagtctcgct	120
ggccattctc	agacgagtgc	atcccatggg	aagtgtggac	ggtcaagggtg	catgtggtag	180
ccctggccac	ggagcaggag	cggcagatct	gccgggagaa	ggtgggtgag	aaactctgcg	240
agaagatcat	caacatcggtg	gaggtgatga	atcggcatga	gtacttgccc	aagatgcccc	300
cacagtcgga	ggtggataac	gcgtttgaca	caggcttgcg	ggacgtgcag	ccctacctgt	360
acaagatctc	cttcagatc	actgatgccc	tgggcacctc	agtcaccacc	accatgcgca	420
ggctcatcaa	agacaccctt	gccctctgag	cgctcgctgga	tctctgggag	ctccttgatg	480
gctcccagac	cttggttttt	gggaattgca	cttttgggcc	tttgggctct	ggaacctgct	540
ctgggtcatt	ggtgagactt	ggaaggggca	gcccccgctg	gcttcttggt	tttgtggttg	600
ccacctcagg	tcactccttt	aatcctttgct	gacngttcaa	tcctgcctct	actgtctctt	660
cataccctgg	tgggggtccc	ccttntttct	ccatggacag	aanaccacca	ctgggggatgg	720
ggaattaaag	ttganaacat					740

<210> 3951
<211> 744
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(744)

<223> n = A,T,C or G

<400> 3951

gagnnnnnnnt	ntnttgttnc	taatggcttg	gctntngttc	ttntntncagg	ctcccatgcg	60
nttcgttcaa	tagcatgtta	agtagatatt	atctgacaga	cctacaagtc	tcacttatcc	120
gngacatcag	acgaagagg	aaaaataaag	ttgctgcgca	gaactgtcgt	aaacgcaa	180
tggacataat	tttgaattta	gaagatgatg	tatgtaactt	gcaagcaaag	aaggaaactc	240
ttaagagaga	gcangcacia	tgtaacaaag	ctattaacat	aatgaaacag	aaactgcatg	300
acctttatca	tgatatttnt	agtagattaa	gagatgacca	aggtaggcca	gtcaatccca	360
accactatgc	tctccagtgt	acccatgatg	gaagtatctt	gatagtaccc	aaagaactgg	420
tggcctcagg	ccacaaaaag	gaaacccaaa	agggaaagag	aaagtggaga	gaaactgaag	480
atggactcta	ttatgtgcag	tagtaatggt	canaaaactga	ttattcggat	cagaaaccat	540
tgaactgct	tcaagaattg	tatctntaaa	ttctgctact	tgaataactc	agttaacgct	600
gttttgaact	tacatggaca	aatgtntagg	acttcaagat	cacacttggt	ggcaatctgg	660
gggagccaca	ctttcatgaa	ntgcattgna	tacaaaattc	anagttatgt	cccangaata	720
ggtttaccat	gaaaccccat	tnnc				744

<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3952

agagnnnnnn	ntntntttgt	ctncctaant	ngntgggcta	ctngttcttt	ntncaggnat	60
gcccattgca	ttcgaattcg	gcacgaggct	cattccagct	ggcttatcgt	gggcctcaca	120
aggtgaagag	ggaccgcatt	ctggggccca	cgatngacca	cctgtagctn	attccatcct	180
gnaccttgna	tgaggggtag	cctcccactg	catcccatnc	tgaatatnct	ttgcaactcc	240
ccangantgc	tnattttaagt	gttnataact	ttnagagaan	tgcgacnatn	caattgtgag	300
atctccnct	gcccattgcc	tgntngnagg	gcacctctnc	tccaccnna	tgganngggg	360
ngcagctnaa	nggccctnan	acgganctgn	tttcatnaag	atnacattac	acngagnnga	420
gctaactggc	ctgnatngaa	angntnntta	tgancnaagn	nacaancttt	ttaanngttc	480
ctganannac	ttgnngncnt	agaacaatag	antgtccaat	tacaaagatc	cncacntgat	540
gcnatatntt	gatgagcttg	actacaccnc	ngctttaatg	caannncaaa	aantgccctn	600
tttngnaaat	nnnacataca	tnctgtttan	gantaacat	ncanaaaagt	gnattanacc	660
angttgaacn	ccncaatggn	ccttcaattt	taannggcta	ggntnngctg	anggtanagg	720
accgcccnnt	nttgtttgc	cggccnggna	atgggattgg	ccct		764

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3953

agagnnnnnn	ttttttntc	nactaatgct	tggtactng	ttctttctnc	aggntcccag	60
cgattcgaat	tcggcacgag	gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	120
acttagaccc	aagaaggag	cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	180

cgtgggtgaaa	gtgatgaaag	gggagagtag	aagggtgggtc	caggggtcaga	cagggagtta	240
gatttaaatcc	ttcagggcac	tttcattaca	tcataagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtgtt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgtcact	cataaatgta	acaccacaac	540
cataattgat	ggcanagttg	agttgcaagc	ttttaggact	aattgcaaag	tctaaactaa	600
aacatttctt	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgtct	660
tacaattttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcctangg				748

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3954

agagnnnnnn	ttttttntc	nactaatgct	tggtactnng	ttctttctnc	aggntcccag	60
cgattcgaat	tcggcacgag	gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	120
acttagaccc	aagaagggag	cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	180
cgtgggtgaaa	gtgatgaaag	gggagagtag	aagggtgggtc	caggggtcaga	cagggagtta	240
gatttaaatcc	ttcagggcac	tttcattaca	tcataagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtgtt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgtcact	cataaatgta	acaccacaac	540
cataattgat	ggcanagttg	agttgcaagc	ttttaggact	aattgcaaag	tctaaactaa	600
aacatttctt	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgtct	660
tacaattttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcctangg				748

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3955

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gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	120
aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaagag	ggtcatgaaa	gcacttanaa	ntaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaa	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540

atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaagggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3956

agagnnnnnn	nttgtnnct	acttnatgct	tggtctctgt	tctttttgca	ggctcccatc	60
gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	120
aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttgagg	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctggggttg	atatagtaag	taaaaaacta	240
agggtaaagag	gggtcatgaaa	gcactctanaa	ntaggaggga	aagccagtc	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaaa	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccttgaa	catattcagg	gcttcaaaa	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaagggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3957

agtgtnnnnt	tttaatccct	actaatggct	tggtactctg	ttctttttgc	aggnacccat	60
cgattcgaat	tcggcacgag	aagagaccat	catctcatca	aagagagtta	aaagtaggga	120
tgttctctgc	aaggcctctt	ctgatatgat	taattgattg	taaattaagt	aatcaaggca	180
tactttgttg	atgtgtcata	tctgggtaaa	aggtttatgg	tttatttaat	aaatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	ttttgtttaa	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aaatgatcag	aaaaagaaag	420
aagccaaaga	gaaaggtacc	tggtttcaac	taaagcgcca	ggtaagaatt	tggtgtatat	480
ttcattgggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	accagagaaa	gcacactttg	tgagaaccaa	600
tggaaggag	cctgagctgc	tggaacctat	tccctatgaa	ttcatggcat	aataaggtgt	660
taaaaaaaaa	aaataaaggg	acctctgggc	tacaaaaaaaa	aaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958

<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (743)
<223> n = A,T,C or G

<400> 3958
agngnnnnnt tgatccttnc taatgcttgg ctcttggtct ttttgcagga cccacgattc 60
gaattcggca cgaggtaatt tgtaaattct gtggtacttt tcaaagtgt atcatttact 120
gagtctgatt atcacacggc ctggcatata ataagtactc tataagtatt ggctgatttc 180
taataggtct gaaaatttat cctttagaat tttttcttca gttggtttag cgagtttccc 240
tttgatgttg aaaatgtttt tttttaaaaa tctaacctag accatcccaa atcatgaatt 300
actgttgtgt gaaacagtga gactactgtt tttatgccac aggtttataa ttatgcaaat 360
aaatactaca tctttgcatt catttttggt ttacttaccg aattttcatt ccaggaatgt 420
ctgaatctga acaggctctt aaaggtaact ctcagattaa attactctca tctgaagata 480
tagaagggat gcgacttgta tgtaggcttg ctagagaagt tttggatgtt gctgccggca 540
tgattaacca ggtgtaacta ctgaagaaat agatcacgct gtacacttag catgtattgc 600
aagaaattgc tacccttctc ccttgaatta ttataatttc ccaaagtctt gttgtcctca 660
gaccttattg ctttaaaata taataatgnt ttcattactt ttattatttg gaatgattta 720
gtaaaagttg actgaatctg gtt 743

<210> 3959
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (743)
<223> n = A,T,C or G

<400> 3959
agagnnntcn tttaatctna ntgnactctt atggcttggn tactcgttnt tnnnnaggca 60
gccccatgnn ttccaatnec gcacgaggcc aaatgcactt ttgtgtatcc naagngaaaa 120
gangagaggn ctcggatgac catgcttagt taanggggag ggtgaccttt natatgcaag 180
tngggaaatn caganaaagt gaaaggggnc canaatgaaa acacatgaaa taagataagc 240
aganatgaaa ngnggcnceta gaactgtaag aagcatttga acaggcanaa cagtgtctga 300
gacttttagga gagggctcaa gctgccatgt ggccgggtcct caaatagtct tagaatgact 360
agcatatctt tttacaaaac tatnagcaac ttgagggcaa aaataaagtn tatttatctt 420
gcatccngaa naataaaact ggtgctnggc attnggtagg tnnnctttat gngtatatat 480
gaaaagcata ttttcatttt attagaacat tgtggtaaaa attctattga aaaccatgct 540
ntaatgtaga tagctcnact tanttcggan gttccaaact ttttngttca agtnccatt 600
tatgtctcta aaattggtct gccagtctaa aatacttant tnatgtnggt natgtctatc 660
gatatttacc atttnagaaa ttaaaactga nagatttgaa accattnttt naaaccctta 720
catgntaaca taaaacgtat ttt 743

<210> 3960
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(726)
 <223> n = A,T,C or G

<400> 3960

cttatcttct	aatggcttgg	ctactngttc	tttttncagg	atcccatgcg	attcgaattc	60
ggcagcaggt	gaccaccact	ccattcttgt	ctcctgtgtt	ctcgggttcag	accacccaca	120
aaggcagctt	caaagccaaa	tcctcaggaa	gggggatctg	cccgggctag	ctagtcacgt	180
gtcaggcaca	gtcagctctg	ttgaggggtg	tgcatgtagg	gctcagtgag	gccacagagc	240
tcagatgtgg	ctatgaagac	tcctgggttg	tgggggatgg	cagttctcac	agatgagagg	300
tatggatggg	ctgggtgcaa	tgactcacgc	ctatgatccc	agccctttgg	gaggccaagg	360
tgggcagatc	acttgaaagtc	aggagttcga	gaccagcctg	gccaacatgg	tgaaacccta	420
tctctaccaa	aatacaaaaa	aattangtgc	ccatgggtgg	gggtgcctat	attcccagct	480
cccaggagac	tgagcangag	aattgctcaa	accaggagac	ttgaggttgc	agtgagtcaa	540
natcacacca	ctgcnctnca	cttgagcgac	agaataagac	tctgngttaa	caaaaannaaa	600
aaaaaaaaact	cgagcctcta	naactatagt	gagtcgtatt	acgtanatcc	agacatgata	660
agatncttgg	tganttttgg	caaaccacac	tagaatgcan	tgaaaaaaat	gctttttattt	720
gggaaa						726

<210> 3961
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3961

agnngnnnnnn	nnttntctta	tntacttaat	gcttggttac	ttgttctttt	tgcaggctcc	60
catcgattcg	aattcggcac	gagctgagtc	tccttataga	tgaggcagca	gaggcctttt	120
acaaatacct	ctcttgttcc	agttacacaa	gtcataattt	actgagcacg	atggtaaaat	180
ccttttaaaaa	tgtagtataa	agaacagagt	atgcataatg	aaaggaggag	attggggaaa	240
gcaaattaga	agtctatgca	ttctgtagac	agtgaagct	ggttcaagca	gaatgaataa	300
gaaagtaatt	taaaaagaag	gcatcactta	ttgactaagg	tcaaacagga	ggaatacaca	360
taaaaaccag	aaactaactt	caagcagaat	gaataagaaa	gtaatttaaa	aagaaggcat	420
cacttattga	ctaagggtcaa	acaggaggaa	tacacataaa	aaccagaaac	taacagcaat	480
tatgatgata	atattccaaa	aaaaatcttg	agtgaagaag	aagaagaaga	agagtaatat	540
caaacccttg	tgataataag	tgccagggtg	gtagtatgtg	ctgctattaa	agtaaatgga	600
tgttcaatta	tttaatttat	aattctggnt	tcatggatag	tcctttaagg	gaagtgtctat	660
tttgatgttc	atctttacat	gtgaagaacc	ggttaagaga	gattactgat	tctccanggt	720
cactcactga	tgggtggtgg	naattgg				747

<210> 3962
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3962

agngttnccn	tannaactcn	tgaaangetg	ggctacttgt	tctttntnca	ngnngcccat	60
gcgattcggg	aaccaggggc	tgcaaacct	ttccctcccc	aatgaggacc	ccctctggac	120

```

gccccctcccc atggagaaca ccaggagcca cagaccccag accacagagc acacagggga 180
gggcacgggg cgcccggggc aggggtgtctg ctgcctcgtt tatgggattt gctccgcgtc 240
tagcacactg ctgcctgcag tgctcctgtc ccctgcagtg gctactctgg gcctacgggc 300
ctaatacctgg ttggcatgaa aatgtcctga ggctactgtg acaaatttcc acaagctgag 360
tggtctaaag gaacacattt gttctcttac agttgcaggg gccanaagag tctaaaaaca 420
gtcagcaggg ctggttcctc ctggagctta gaggggctga atccgtttcc tgcctttttt 480
agtatctgga gggcgccctgc atcccccttg ttatggcccc ttccatcacc aaagccagta 540
gtgtcacatc tttcactctc cctgacctga ctncgccttt ctcttagaag gacctgtgt 600
gactttggac tactagataa tttagggta tctcttcatt tcaggaacct ggaatttaat 660
cccacctgca agtncctttt gccaggtaag gncacaaaatt cacanggtct tgaagatgaa 720
agatgttgga ccttttttga gggncatgat 750

```

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3963

```

tnttcatctn gcnnttggnc ttntngcacg atccctcgat tcgaattcng cagcagacac 60
attcttccat ttgtcagtaa gagtaataat ttgactgttt tattggattt tagccttttt 120
gatttcatat agctgtatct taatatatca ttgtttttta tatgtctaca ttgaatactt 180
attacttgtg caatgaaaaa taataattaa agatgaaagt taagcctgtt accactttca 240
gagaacaacg tgacgttttg gaatttaaaa ttttttcagt agatttgaga aaaacttggg 300
ttaaatagaa gatttatgct cagaactgag attccagggt ttaagtctgg ttttaaagct 360
gtcttcaaga ttttaatgta ttttctgtgt gtataggatg ctctcatttc tgtttttaaa 420
aatgaaaggg atcgtcctg taatcccagc actttgggaa ga 462

```

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3964

```

cccccttnt ataccntcc tntactnngn tctttttgca ggatcccatc gattecgttt 60
gtcccaatat ttgtgacacc agtgtaatga cttgggttaag ttgggttgac caggttcctc 120
cactggncag gttatacttt ttcattctgt aattaatgta tcgctatata ttttatatac 180
tttgaactg taaacatctt gtctcatca aaccttcacc tactaatttt agcagtcatt 240
gctaattttt taaactccca tcttttctac atttagtagt tggcattcta ctataaggaa 300
gaattttccc ttttctctta tttgtgtata cttatttatt aatatttatt atttattaat 360
atatatgcaa gtatagacac ttgcattctt attgtattca gtggattatg atccattgct 420
attttctgtt tgggctaaat tgtcccatat tccatcagtg ggaatgcctt caagttaact 480
attgtgtgcc tttgacatgt gcccaacatg gtgaaacca atctctactg aaaatacaga 540
aaaattacct tagcatggtg gtgtgtgcct gtaattccag ctactctgaa ngctgagtgg 600
ggagaatcac ttgagcctat aaggcanang ttgcaatgag ccnagantag cgctactacc 660
actncancct tgggtgacag cgtgagaacc tgtctcaaaa aataaaaaaa gaaaagagaa 720
aaaggaaaaa aaaaaaaaaa aaactcnacc ctctanaact atagggggagg cggtattacg 780

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tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3965
 ttnattccat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagat 60
 agtaaattag tcatagaaag gcaaactcaa ataactttga acacagctct ttgactatcc 120
 acctgtgtgt aaacaaacaa aactacaaag aaattttgta cttcacttag ttggtagtga 180
 tctggtatag caattctgaa aatattttct gtgtattgta ggattaaaca aataagtaaa 240
 tataatgata ttcttgggag ctgggatcct cactatgaga gaagaaagat aaaaatatgg 300
 agtgaaggaa ggcaaagaag agctccatga attggaatga gagattccac agattactta 360
 ttaattacaa agataaaaaa ggaaccttta tagtggagaa acttggaac ttggtggata 420
 acacaacttt tcgttttttt ggagacagag tctcactccc tcaccaggc tggctctcaa 480
 ctcccgacct caggcgatcc acctcaaagt gctgggatta caggcatgag ccctgcgcca 540
 ggccattttt taaaaatcag atctctcctt tgctccaatg tttttatcat ggaaagagac 600
 aaatcactca tattttcttt ttncagacaa tactgctttc tgtggtgtag cccaaaagac 660
 tcgtcttttn catgttcagg taattttattc tttgggagag cactgtaatc atatatcaat 720
 cgtatttttna aagtgacttt attatttaat gtcaagaagt nccttggttn tgaaagtagt 780
 tttttttaat taaaccgcca ncagatcnat 810

<210> 3966
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3966
 ggnnnccctt ttgaaacccc ntaaagctac ntgntctttt tgcaggatcc catcgattcg 60
 gaagaaactc ccatgaagtt caaaggagca gcagatatgc aggggtgcac tagaaatgaa 120
 aatctgacct tttgtccctc tctttttcat ctctcttttg tacaggcctt ctttcttct 180
 gtgcaaacag acccttgta tagtcatagt ccacacgct gttaaagat ttccagcact 240
 gctctatgat gtgctgtaat ttcaggaggt agtttatatt ctacaacatg ttgctctgta 300
 gcacgtgtat ttcactactg agtggtagtt ctaatggaca tattcttaac aaaatagtcc 360
 cagcattaca gaatactagg ttagaataca tacccaaata aataaaatgt tacagacaca 420
 gtccaagctc gttctctcct gacttncctt ctcccgctac agaggaaaat taccctgaat 480
 tggcacatct cattcctatg cactcttggt aaaaataact tatagtttgc ttctgaattt 540
 atagaaatgg gcactataat ccatatgtct tttgaatctt tatacatttg atttgagaa 600
 agtatattatg tttgatgcc tgtggcttta ggncatttat ttttaatttg gttatttttt 660
 tgagatgaaa gtctcggctc ggacccagg ctnggagtg aaatgggcac atgggaacct 720
 ttgnccctcn tggggttcna agcaantctc ggtcttcata cctgtaantc ccancacctt 780
 ttaaagaagg cccnanggcg nggggaaggg atcaatttgn gcccccttgg aattttggag 840
 gaccnagccc tggggct 857

<210> 3967

<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (814)
<223> n = A,T,C or G

<400> 3967
ttccatcaag ctcttgttct ttttgcagga tccctcgatt cgcttcagac ctgtgtttta 60
attttagctc tgtgatctgg tagcttttga ccttgagtaa attgcctaatt gttactcagt 120
cttagtttcc tcatcagaaa agtggtaagg atgataaagt agttcataaa cattcattga 180
gcactaagta tttgcaagat actggaggta taaagatgaa taaaacactg ttcattgtctt 240
tgaagacttc ctagtcaagt ggtgaaatta aacataaaaa caggacattt taatattacg 300
tgcaaagcac atagtgggca atgtgttggg ttgaagaagg atttttgagg aagtgggaagc 360
tgaactgcag tttgtagaat aagtaagagt ttagtcaggc aaagcagata gacaagggtca 420
ttttgggtgg agcgattaat ataggcaaag tcatgcaatc atgaaatagc atgatatgta 480
tgtgaaataa gactactttt gcattgtagg ggcattaaac aggtgagcag tctactggaga 540
tgagattgga atggtgggca gggcctaagt ccctgagctg caatgtcatt gaagctgagg 600
acattgagaa tttaaagaga tagagttagt ctgnngccct tgctcataac tctcattttg 660
aaagactaat gtgtgacatn ccacatttta ggggtaggaa ggcntactgg aaggattaac 720
ccaaagttgg ntagaactg ggagaaagan naacnccctc aaaaagttgc ttgagagcta 780
aattaattga atgtggcttg ggaaggatca attt 814

<210> 3968
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (825)
<223> n = A,T,C or G

<400> 3968
gattcccata caagctcttg ttcttttttg aggatcccat cgattcgaat tcggcacgag 60
ggaaaagtaa agagatcaaa atgattttat atgtattttt tttgtactca gagaattaca 120
ttttcactac ccccgctgtg ctcagggaat agcctttgat aagaatccca tggagatctc 180
tggaactcta ttacagtgtg ttcagatttg ttagttcata tgtaaatttc agagctagag 240
cttcaaaact agagtattgt aatctcagga acataagatt atccaagaag cctgaacctt 300
gctcttttca tgataaatga catccaaatt tcctttgtct aggagataag catagatccc 360
ttttatcatg cttctctgag attttcacag aacaaccctg caatttgatt ttgtttgata 420
attttgcttg ttggcttttc agtgaggact ctattttcca ttggaactga ctctttggg 480
gataataagc tttcacttaa aagaacattc cattagatag ttctaacttc aatgaaccta 540
aaagtggctt cttaatttga ataactctga taacttttgc aaatgggtca aaacagcaca 600
agtattatac atcaaataaa aagttcatta caatatttgt actcataaag tcaaaatctg 660
accctgggtc gctttgtgcc tctgtcagcc tacttacagg ggataaaagg tncacaccaa 720
gtccagtggt tgccaangga gctttgggta ttagaaaaga agcctgggtc cccctcagtt 780
ctatgccggt gggggggggc ccgggtnggn ancatggccg ncatg 825

<210> 3969
<211> 877
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 3969
 ggnctntttaa acctttgtac aagcccttgt ncttttttgca ggatccctcg attcgaattc 60
 ggcacgaggc aacaaaagca tacaagatct ttttttnagga agtggaggag ctgcagggac 120
 cgaccgggag ctttcccagt aagcatcagt tcanaaaaca atttaagtaa agaaatggaa 180
 tctgtaataa aagatataaa aaataccact cagaagaaat atagagacta tagcaagacc 240
 ccgggctcac cagacaatga ttttctcttt atgtactctg ttgctagaac caatttagaa 300
 cttgaattga ttcacgcagg aggcaatttg tgttcagggtg gtgcaagcac agctggcaaa 360
 aggtcttgtt taaatcagct gtttcatgta ttagccttgc acatgcggct ttatagcatt 420
 gactctgagt ataatccctg gagaaagctc acccagttag aagagatgaa tccacagctg 480
 ggatatgaag aacaacagcc tgaggttcca attcctttatc atgatgtaca tcccttttgc 540
 tcatccagat cttaatgatg ccacaaccct tacgcaaaaag accactttac ctgcattgtg 600
 aaggtctttt taccctactg tacacacagg ctcttgcagc actctcaagt taaaatgcag 660
 ccgaagaaaa tagggctcagc cctgggaaac accccgggag cctcttcaaa aaagaagtac 720
 cattgtggat ggccagaaaa agtctttacc gaaagtattt aacttggnng ccttttgggtg 780
 gaataaaggt ggnaacctat ttttaaaaag ggaaaagttt tttcccntg gaaggaaang 840
 gnaccttcag ggggaatggtg gccaatnggt ttttaacc 877

<210> 3970
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

<400> 3970
 ngncttggnnc cttgaaaccc ccgnentggc ggacccatcg antcgaattc ggcacgaggg 60
 tcancaatan gcganncttt tnnatecnng cgagagacac gccaataggg ggnatttaga 120
 nacgtggggc tccannnatt ttctctgggg acaagctcat tccttctca ttttctcaga 180
 actttggtgt taacagccng ttgcctaatt tgtaggggct gactttgact naggagatgc 240
 cttctgnaga tggaggaaat aacgaccag cnccttttaa ttcacccaag ctgaaaccaa 300
 atgcgaaccc ngagcagcct ggattcattg acgagccagc accantgaac ccacccaaac 360
 caaagccaaa tccaaaaccc caagccggcc tgaattccac cgggggatga cttttgatct 420
 ccacagangg nntcttcatg gggaacnaaa aacaggggan gntgcactcg attnctggaa 480
 gtggtatgcn tcaggagcna ccgtgnantg tantncancc cactcntcaa atncataaac 540
 tntgggagan tccttcaatt cactgggcaa ancentatgc cntaanngct annenctgan 600
 gggaggctcn tncantgcaa aaanccaaan atccaacctn gggaagaatt caagtcaaag 660
 acccaanaag gaggccnngc aatcaagnct ccttggnac cgaatcnttn acangncann 720
 gcttaccnng gganggcacc ntatggcnga anctctgtgg ggggcaaacc ctctgtggga 780
 cctnccntgg nttcccaggg gggtgcncac anatattang cacctnantn ntttanctgc 840
 ccantgngcg tntnttatgg aanaaaagna aatcaaaaca tngggganag ggaaacccan 900
 naaaaaaaaa cc 912

<210> 3971
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 3971

ttgattccat	cagctcttgt	tcttttttgca	ggatcccatc	gattcgctac	gaccccatca	60
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agtgagattg	ttccacagca	tgtatattat	aaaacaaata	ttaggcagat	agcttataat	180
gactttttta	tatttattta	ttcattttatt	ttataataag	cagacattgg	gacaagaaac	240
ttctgaaaat	atztatagtt	ctctgaaaga	aggtgtcttc	ccttccttct	gggagttaag	300
gaatgttttg	acaaggaaga	aagatgggtg	aataagagtg	tattgtatta	ataactaaca	360
ttaattgaat	atagaatatg	tactaggggc	tgtaaaaagc	tctttatatt	ggattatggt	420
atttaatcct	caaccttatg	agcctgatgc	tattaatgcc	tctattttat	aaatgaagaa	480
attatgtcac	agaagggtta	ataattttatt	caagggcaac	ttgccaagtg	agcattaaac	540
ccccagagtg	atcctctccc	tangtgacga	gcaaagttnc	aaggggcttg	gtatgcacca	600
gtctcagatg	attctattgn	gggtggctgc	cagaatcaag	cctgtgtgta	aaacactgat	660
tggaagaaaa	aatagtcccc	accagctatn	gctatnggtn	cctgtgcatg	aacctgagaa	720
gaaagccaag	ccgcctntaa	agatgtagag	tccaaacctt	ttgctgcagc	ttcctntggaa	780
tacgggcatn	tgaccccaaa	acatggntta	aggggg			816

<210> 3972
<211> 817
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(817)
<223> n = A,T,C or G

<400> 3972

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tgaagacaac	gcaaacttca	aatgctcctg	atgtaaatga	tgcaattgtg	aaactattca	180
atgattttga	tgttaaggaa	acctcccatc	atttagtgat	ttctcatcta	gatctacaca	240
tatgtgatga	cattcatgct	aaagaaaaag	agtcaaacag	acgtattact	ggaggggcaa	300
tgcaactctc	ttttacacag	ctaactatag	attattatcc	ttatcataaa	gcaggagata	360
gttgtaatac	ttggatgtat	tttagtgatg	caacccaaac	aaaaaatgga	tgggccaatg	420
agttattgca	tgaatttgag	tgcaacggtg	aaatgcttaa	acaggctgtg	aaggatcata	480
atgtangttc	acctcctaaa	tccccaacac	atgcctnttc	ccagcacaca	caaacagaga	540
aggactccct	ctgaaaggga	catgcagaac	accttcagta	ttatctcaac	aatcaaaaagc	600
taagctaattg	tctagtcttg	gtgtgggtag	acttgcatg	ttcaatatat	cccagggtctt	660
ntacagcngg	acaatgtcgn	tctttccccc	aaaaaccatg	atttgctgca	ataaaaaatn	720
cctttntntt	tccacaagaa	aaggtcagct	gtctttttta	gaattcacca	gaatntttcc	780
tattccaaat	gggaaaggat	ttttccaant	tccatct			817

<210> 3973
<211> 804
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(804)
<223> n = A,T,C or G

<400> 3973

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tttcccagcg aatagaattt actgctccaa aaagcttttt tggcataaat cacaatactt	180
acagaaatat aattgtatca ttgaaaaaaa caaagctcac cttcctaattg atacatttca	240
caaactgcac attagggcaa tttcttactt atgaggaggt caaagaaata ctctgtcaat	300
atagtataac tgcttatttc aaattgtatc taggaatgaa taactactat tattttaaagt	360
actactgaat tttgaggaac tgatcaaaga attagtatta ttaataaaat tgtactattt	420
gcaatatatt tgccttggca caaatgcaga gttaaaaaaca taaaattata aaaaaaata	480
atagtgattg gttgttacta ctttaaaatc ctactaattt ccattagcac taaatcaaac	540
agcacttatc tgttgtatac aagtaaaatt ttgaaagact cngacacaaa atgaaangct	600
ttttaaaaat gtctttgcc aacanggtat tatgaccctt tgctaattgg tatatttcct	660
tangggcact ttgaggctct ttcaaaagac atctgcgcaa ttagggctta aattagaagt	720
agaaatattt tggcngatnt ttactatntc acaaaaaggc ctacctactg gntttataat	780
aaaanccaat tctcaagtnt tctn	804

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3974

ttttgaaacc catcanctct tgttcttttt gcaggatccc tggattcgtc cacacctcac	60
gttcagtcac agccctcagc tatcttccct ccggccactg ggctacctct ccttcagtc	120
cagaagacaa gtctcaccaa cccagggagt caaggaccag caaaccaaag tggataatgg	180
actttttcat tcctgttttt cttggcagga gagaagcaag gccactaaaa gaggagatgg	240
tggagacgga ggctcagcag tggctctgag gggtaaagga cttagatgcc cagatgaaga	300
gggaaagctg acatctgcag ggaacccact ttgaggctga ggccatggca ggacagctgc	360
tgtggggtgc agaggcagaa gatgaaattc ttagtgatcc agaggttctt gcagccatgc	420
aggatccaga agttatggtg gctttccagg atgtggctca gaaccagca aatatgtcaa	480
aataccagag caacccaaag gttatgaatc tcatcagtaa attgtcagcc aaatttggan	540
gtcaagcgta atgtccttct gataaataaa gcccttgctg aaggaaaagc acctagatca	600
ccttatggat gtgcgaataa tacaacccag tgtacctctg ccttntatca aganacttgg	660
gtgctttgaa nataatcctc cccttttccc caaatgcagc tgaacattta cagtgggttg	720
ccttagggat tcattcaata tgtttcctac taggaatcca actttaacat ttttaatctc	780
aaatattat	789

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

ttcccataca actacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt	60
tgggcttaga agatggggct gagtagggag agagggtgct gcctggggagc tgagccatac	120
aagtgactgc acaggttgac atggaggatt aggtggagtg aggcttccaa gcagggaggg	180

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gaatgatggt ggggccc aaa tgaggagcca catcgaagta gatgagagaa tagaagggtga 240
agtaaggggt ggcgttggtt aggggggagac gccagcagtg atgctgatgc ccaggctgta 300
ggtgtatagg tgccatccac ctggtaaaga gagagctgta gcgcaggaat gaggttgcac 360
atgtagaaga agggaaggat acaggggaga gaagtgtctt ctagtccata aaaacagcct 420
gtgggctggc atggtggaac aaacctgtaa gtcccaacac ttcgaggagt caaggtaaga 480
ggatcatctg cttgaccag gagttcaaga acagcctagg caacatagta agatcccatn 540
cctacagaaa aattaagaaa ttagcccgga tgcgtggca cacacctgt tgtctcanct 600
tacttgggga ggcgcgatct tttggagccc cngggaagggt caaagtcttc caatgaccnc 660
cattgatctt tgcccacttg gacttttaaa ccctggggcc aacttgacnt gnccaacccat 720
tgtnttttna aaaaaaaaaa aannnnnnnn naacttcgaa gcccttttta aaaacttttt 780
agtnagagttc cttatttacc cttanatncc caacccttgg ttnaggatcc catttgattg 840
aattttggga ncaaaacccc caacntttgg a 871

```

<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3976

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gcacgaggcc taaagtaact gaagatccat ctnttcgtat acgtgcaagt cacaagggat 120
gcgatggctt ggcttgggct cagaggcctg acactagtta ttataaaatg tactttcagc 180
agtcttctgg gacttgacta ccttggtgat tgtactagaa atgtcaggta tggtgactgc 240
tctgccacc actctaaatg aaactgtccc cccacagtct ctgttgccca ggtgtcctat 300
gtccctcgtc acagctgaat ggaccaaggc agatgtgcta tcaaggacag ccaatcacia 360
gtgagcagta atctctgata tgctttgggt caaaaagctg agttgagtca acagttatatt 420
aaatttgtgt gcagtcactt ccgtttgctg gggaatggcg tggtgaggga agattgatatt 480
aagttacctc atatctgggt tacatggata tatatcctac agttgcttaa aatacatttc 540
angattcttt gggttgagc atgtgttttg gaaaggacag ggagaggaaa ttaagaagtg 600
gagtgaatc caaggacct tcacctgccc aaaaagtgac gggcttcttg tgtcaancag 660
gtgacagctg gcaaggcttt gccctgangg tcgacagaca aaacaagcan tgcacatagg 720
gaagacacaa gcaaagggtt agctcnttgc catatanagc tgcattgnaaa agcttaacn 779

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<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1005)

<223> n = A,T,C or G

<400> 3977

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gatcttctgt catttgcttt tctgagtttt ggccctctctg tcaatctatc tggtcggggt 60
tacttttctn catcttcaag caggggtgtg tcttcaagca tgcattgtctg tgntttgatt 120
cggaattgat aagttataat agaagcatga gctgctggga aaatatacct cctgatttgt 180
gtggnnttat ttgttcatct tgcaggtttt gagtagtttt tgggtggatgt gttgggagat 240
ttnaatgtta cttanctggt attatctcta ctactttggg ggtcaatatt gaattttttc 300
actgaatccc agcccaacac tntntttttt tttggcncta attnontcga aaaaaaatgg 360
ngtttggatt taagaataaa gangaaaagt nntgggtttt ttagccagggt ttcttgtcct 420

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ancaggaaaa aggcttttgg ttccttaaga aaccccatan ccaatttggg gaaattttta 480
aaatttnaaa tncaaaaagg ccctttatat ttattgggaa aaccatcctt ggccttaata 540
attnaattcc nggcnaaatc ctgggaaaat gggaaaaagt ttaggaattg gaaaaaaaaa 600
aaaagnaccc nccgggntnc ccaaccaaat aaaaataccc ccnccccaaa aaaaccangg 660
ccatagaccc caccctctgn aaatttcnaa aangggggcc ttaattaat aanggggggg 720
naaaaaanat ttttcagncc ctnttgaaa cccntttggg ggngggcccg natttacng 780
tnanaaatnc cccancctt ggaattaagg aatncatttn gggtggnan ttnnggncca 840
aaaccccna acttnggaaa tgccaaagg gnaaaaaaaa angccttta ttnnggncaa 900
aaattggggg agnccaattg gctttaattt gggnaacctt ttataaagcc cgcanttaaa 960
acaagggttaa cncncccccc aatngccatt ccatttaaag gntcc 1005

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<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3978

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ttgcaggatc ccatcgattc gaattcggca cgagatataa aagcgtttag aanaagaagc 120
aaaagagacc cgcacattcc acccaggagg ggcattggaga aagaacagtg agtgggaagg 180
aaacagggtc gtgctgcctc aagcatagag gtctttctat ggcaggcacc cggggcagcc 240
aaaaggacac tgtccacagc caggccagag tctanctgtn acacacatan gcagggtgtgt 300
tgcatacctc aagcatgcgt tcacgagttg tnatacttaa gngaatttgt ttttttacag 360
naacaaccta tagttccatt taaaaagggg tngttattta attttaatta aaacatatag 420
tagntgtttt ctcacttttg tttatgtatc cattttcaac agctttgttg aggtgttgtt 480
tacacaccct caaatccact ngttttaagc atacaatnta ataattttta gtaaatccag 540
aattgcgcaa acatcacaaat ctantaatag aaattttctt tcaactccaa agaaacctgt 600
gctctattta gcaactccct gttcccgccc agtaagccca tatgtgggca aaagttgact 660
ganacttggt atttttaatt gaaatatcac aaaacttatt gcattttttt tttgagacgg 720
agtcttgctc tgtcgncccc agntgngggg aaggggctnc ntnccccenn ctngngnnnn 780
ggnggncnt 790

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<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

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cacctcgat tggggaaagt cttaagtggg tggagcccat gacatttggg tatgatgact 120
agattttttg tacagctgag cctcaataaa ctcattgcgt cacttgtgag aactcaaacc 180
agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240
aaatacacat gtatacacaa aagcaacaaa tgtaagttac attttattat ggaaattgat 300
attagtgaat ttgacagctt tctatgggta aagattatcc tggtagtgag ccaaggttct 360
ctgtttttct gatttctctt attcattccc tataatttca gcattttctg tctcattgac 420
ttaatattcc tgagggtatt attgtgaatg tctttgttta tg 462

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<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 3980

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tcttttaaaga	aagcatccac	agtttctgtg	ccatttcatt	gacaggtttt	attttaaatg	120
gtagaccatc	caacagaggg	ataggagct	gcagcgggtg	gctgcttaga	ctcaaaaaga	180
gaantctcgc	tgactcatgc	aggttgaggt	tttgtctcat	tcccaggaat	gcttggactc	240
ccagaggcag	tgaagccaca	catttttagca	gaattacctc	agcagtgtgg	tgcatgatca	300
tgaacttcaa	gtttacctac	aaggaagatt	tcattgtcct	tctgtcacta	gccaaacact	360
tcacagccta	nactcctgga	ctacataaag	gccatacaa	aagtgtttgt	gtgcatttgt	420
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<210> 3981

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 3981

ttcattactc	ttgttctttt	tgccaggatcc	ctcgattcga	attcggcacg	aggcggagct	60
tgcatgtgagc	agagatcgca	ccactgcact	ccagcctggg	tgacagagcg	agactcctct	120
cgaacacaaac	acaaaaaaaa	gtttcaaaga	cagaaagtgg	aagttacaag	gctttttaag	180
gccttatctt	ggaagtcaca	gcancattta	ttttgcattc	cattgggtcaa	actcaagtcc	240
taacaggcct	aaggggggtca	agtaaaaggt	gggactcaca	ggaagttcca	tatacattac	300
agcttcactt	gcagtacaga	ggggaaggga	aatcctactg	ggacagaacc	tcaagtagca	360
tacctggttg	tatattgtgc	ctggaagaaa	agatggccag	aagtatagat	ctatagatgg	420
atggtgattg	atggatggtt	tgactggatg	gtcaggggatt			460

<210> 3982

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3982

cttcgtttga	ntcccgttcc	aangcaggag	cccatcgatt	cgaattcggc	acgagacttt	60
gcatttgctc	gttttggtca	acttttcctt	ccttctctgc	ctgccaaaga	aactgtaata	120
actgtaataa	ttnttatgac	tttctcttca	atgacagtna	tcttccttta	ccctaattcc	180
ttccctcctc	atccttcaaa	tccccttctc	catcattcaa	agnctaactc	aagctagcct	240
ttcctcctta	ttttcccttt	atctttccaa	tccgtatgga	gatttctcac	ctttcctgnt	300
ngaggttgcg	ccagaatggc	gaggattaaa	ttgtaattgc	tntntaatag	actgntgtgt	360
cngcccacta	gatttcaagc	tctctaaagg	tnaaagcctt	ttctnacatc	anaactngag	420
tccttttatg	annntnnac	atcngaagg	cnnnanttat	ttg		463

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3983
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 gctcaggggtc tctcatgagg ttccagttat gatgttggtc tgtactgtgt cgtctgaagc 120
 ctggctggct gaagcatctg cttccaaactc actcatgttg ccatttccca gagcccagtc 180
 cttactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240
 gcatgcactt tgcagctggt ctnccttaca gtgaatgatc caagagagta tgagagagtg 300
 tgccacaatg gaagccagggt atctgtttata acctcatctt agaaatgata taacatcact 360
 ctgccatatt ttgtcagttg cacagacccc tgggtacagtg tgggangtga caacacagga 420
 tattaatacc aggangcagg aatcattggg accgtct 457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3984
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 ttcaggctgc catttggtag agggnnaggg agtggctagc catcgagtna gaccatgctt 120
 tgcaccacc atcagcaagg ctcaagatag tgccctggcg gtcagaata agccttcctc 180
 tctgcaggga tctcatctcc atctgtggga accaggtntg aggctctgaa cagntcctgc 240
 tctggcaaga cacctccaca tctttctccc tcaaacattc atagcctctc tgccatttta 300
 tgcttctggt acaccagaaa taatatcaca atgccttgca tcaactgacc ggctggataa 360
 ttccttttca atatgtcctn cttgcangca naagatcttg ccanaagact gagaaccag 420
 ncttccaaga tggccacagc tgcaccaaag atcacaangt aattg 465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3985
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 agcatccatc acagataaca gacagcacta ttcatgaaat cccaacaana acacacgcca 120
 agttcccata tacagggtgca nggcatgctt catttaccat tgaatttgat gacagtaccc 180
 catggaaggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt 240
 ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac 300
 ccgaanacaa anttntgac tggctagcac aaaacaaccc tcttcaaattg ctatgggaaa 360

gaacagaana tgattctaaa ngcattaataa gtgatgttnc agtgtacttg aaaaggttga 420
 aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac 463

<210> 3986

<211> 464

<212> DNA

<213> Homo sapiens

<400> 3986

cgtcattcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cacgagatca 60
 tctagaatcc cagcagtttc cttaagttgc ctactgtcaa ttttccattt ctctcgtcca 120
 aattcacatg gagacatcat ttttacacac ttgtaatcaa ttgtaggcgg agtctggggg 180
 tcctagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta 240
 ggccctgtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag 300
 aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaagcatg cagaagggtcc 360
 cttaggaagt gatgttgga atggccttgg gccagccacg ttatttctct ggacctcagg 420
 tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga 464

<210> 3987

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 3987

nccttctct ctgttcttt ttgcaggatc cctcgattcg aattcggcac gagggaaaac 60
 ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgtcattgtg cctgggtggt 120
 tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn 180
 cagacagtgn gaataatata tcatgtatgt aaaancaact catatgatgc ttgtaaatgt 240
 ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag 300
 tgacaggagg acaaaattgg aaggagatt tttactgtat aactttgtat cttttaaatt 360
 ttgttccagg cgcatttatc atgtattcaa tgcatttaaa cagaagagga gaaggacggc 420
 ccatangata taactattgg ttaaaacat cttgtctn 458

<210> 3988

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 3988

gnaanncett tncennnnn ttttgcagga tcccatcgat tcgaattcgg cacgaggcaa 60
 tatgtagttt gccataaaan gaatgcatgt cttattcttt tccatagttc ttcattaatg 120
 agactttag ccaagaatag aattggaaga tncatctcc tggggtagtc aaaaaaatc 180
 tccttgggta atactggaan canctaattt tcctaatttg gttggctcct cttaataata 240
 aaatnctatg ggaatnactc tttagtagtt ggccgtggtg gaagctctgg gaggagcaaa 300
 gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac 360
 aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3989
 aagnnacttn tttgaaaccc ccngntcttt ttgcaggatc ccategattc gggcacatct 60
 tctactagct aacttggtcc ttttttttna aaaaataaaa cccttgcgta gttctccctc 120
 aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca 180
 ggcattccatt tcccttcccc ccattctgnc acaggtgccc atctgcctgg cagtanaatc 240
 cantgctcat gttggtgact ccagagcccc ttccttgctg gtgcctgcct gangcattgg 300
 tgtatgtggc gtcctgggaa ggggatttta gttnaatgaa tgatacgtac ctcttgcttt 360
 cctgggntnt gcgagcttta atcccttgat ngtctgntgg gaggcttgan agacanactg 420
 ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t 471

<210> 3990
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 3990
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 gggtaacaca ttgatgctac agacagaaca cctaacatac ttctggagtt ctgtaagatt 180
 agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaatg 240
 tatccctgaa tataatttta gtaatctcaa cttcaggcat gataactaaa accaaattaa 300
 cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga 360
 agatagagta tggtgaaaag aactgtattc taaatacaac ctgattttta cagaaaacat 420
 ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg 466

<210> 3991
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3991
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 cgattcgaca gggtagtgca tgtgacggtg tccaagacgc acagcagatt ttcattcaca 120
 aaaaaatctg accacaagag ctaaacggaa ataccttccg ctgtccttcc caagtcacag 180

1235

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agcaaacacc tcagttccca ggggtccgca tcagttctgg tggaggcggt gactgtgagc 240
gtgaccagct gggctaattc gtccctgacat ttagttggga cagctatagt ttccctacctc 300
tatgaccaga gagtgaagcg ttctactgaa gaactgtggc cggcgtctcc aggaaaggaa 360
ggagcctcgc tttctccagg gcagggggcag cgtggggcgg ggcaggccgg gtgtgtctgt 420
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agttcttcga ggaggccgat gaagacagaa tatggataag gccaaacctt caaaaatcc 540
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agcacagggc ttntctaaaca ggcgggatat gcaacctcgt tctatcccan gccacacag 660
aaagtgttgg gggaatcact gaaggaagga ngagaaagaa ctcagaagaa ccataagaga 720
gcaagacatg gacaggaaac caatggccca cgccccgcan gaagacttaa aactncag 778

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<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (905)

<223> n = A,T,C or G

<400> 3992

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tatacttatt taaaagctct tattttgtgg tcattaaaat ggcaatttat gtgcagcact 180
ttattgcagc aggaagcagg tgtgggttgg ttgtaaagct ctttgctaata cttaaaaagt 240
aatgggtgat ttaaaaagaa aaaaggaaaa aaatctttgg ctgaatatgt tcattgcttg 300
tattttttaa acaacagaat ttccagtatg aaacaggctg aaagagcagg aagaaatgtt 360
ctttgtataa taatgggaag tttggaatat aaaagtttat atattattta tctattggag 420
aactggtgta caggaggaac attttcttac tgtgttgctg ttttccatca tgtgttatcc 480
taagagtggg ggttttttaa aatctgtttc accaggggaa aataaaaagca tccctaattg 540
tcttcctcta aaaaacccan nnaannnnnn nnnnnnnnnn nnnnnnnnnn ncctcggaga 600
gagaaaaana cctttctccg agccctntan aacctatagg ggagtccgtn ttaccgtaga 660
atcccnacn ttgaataaag aatnccattt ggggtgaagt tttngggacc aaaaccccc 720
aaacntnnga aattgcnnn tggaaaaaaa aaatgccttt ttnttttggg ggnaaaaatt 780
ttgggggaaa ggcctttttt ggctttttan ttttgngaaa nccccctttt ttaaagcctg 840
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ttnt

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<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3993

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tcgaattcgg cagagatat tatttttaatt ttatataata gcatgtactg ctttacacat 120
ttttataata agtcaccaca gtattacact ataactacgt tataagtgca atagatatgg 180
gtncataaaa taaaatagt tgaggagaaa aaaccttttag accattcatt ataacgtgcc 240
anactgataa ggggaaaacc ccccatgtca catgagagaa ataaaaccca ctgccatttc 300
tctgtgcctg ggtaactgag ttgattgtat tcaccagaag gttcttggtc tgccttttag 360

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aacctgacctgg	gtcattttccc	tggttcacacc	ccagtgacta	agctgaagag	atttatcatg	420
atgcctgctc	ttttctgttg	gccttgggtca	cttccatgtg	catgagcatc	tccatccaaa	480
agtggccttc	ttctctagcc	ccgatgggat	gtcagtngcc	catgtttcta	atagaagacc	540
catgccaaaag	ccacttttgac	aactctccac	tcgcaagaat	gctgtcggcc	tntagctaaa	600
ctgttatggg	ccactcaacg	ctgtacactg	tgtggccact	ttccttccgc	tttctgtcat	660
tgcagggang	ttgtaaggca	acacccangg	ggcttgacct	cttcaaggac	tttgccagca	720
ncaaaaaccc	aaccttgggt	acaccctggc	ttaaaaaccc	acanccccag	caanttnca	780
gctttnaatg						790

<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (898)

<223> n = A,T,C or G

<400> 3994

tttaattnca	atacagctac	ttgtttcttt	tgcaggatcc	catcgattcg	aattcggcac	60
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gaggattttt	atttttgttt	ttgcttaaac	atatagtttg	tctagaagtt	taaaaagcta	180
aaagttaaaa	atgggtgta	tatgaaaatc	taacactcaa	gatagtttct	aaaaggaaat	240
cagtagttaa	ggatacctga	tttcaaaaata	tttaaagcat	aacctaaactg	atggtaggat	300
gattgtatct	tgaatatgtg	gtagggccac	atctattgta	ggaaaacctt	gcttttatca	360
tctgtgtgta	aagggtctaa	taaggagaag	aggccttttg	actgatttgt	gagtataaat	420
gcatttgctg	tttcatttca	aaaatgttgt	ggaggaaaag	agtacattta	acttgtataa	480
gagaatatct	gtactcctgt	ccaggctgca	ggacctttct	tcgagagctt	tgacacttg	540
acttgaacca	cattttctga	tccttttact	ttgttttaga	agcaccactg	aaaaatctcg	600
ttgttttaaa	gtncaatgtg	taaatatttc	aaaaaanann	aatnnntnn	nnnnnnctcg	660
gagcctctnn	aaccttttagt	ggagtccgta	tttaccgtag	natcccnaaa	ccatggatta	720
agaataccat	ttgggttgga	agttttnggg	ccaaaaccn	caaacctttg	gaaatgccct	780
ngggaaaaaa	aaaaaaggcc	ttttaatttt	tngggggaaa	aaattttggg	ggaatggcct	840
attttggtct	ttttaanttt	tgggttaaac	cccctttnt	ntaagggcct	gngcnaan	898

<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (833)

<223> n = A,T,C or G

<400> 3995

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gcaatggttt	gtttctcttg	tatttctgaa	gttgcaata	atcatgtaag	cagttcaacc	180
aggagtttac	accaaacttt	taataggcga	tatatcat	tttttttcc	cattgggttg	240
gataacatcc	actttaactg	gcagtttagt	atacttagct	atttttggtta	aagcaggtga	300
tttattgtta	ttttatattt	atgacatgat	taataagtga	atatggaaga	ttttacattg	360
acttagggga	tcaaagtttt	catttatatta	acacctttta	ttgccatgag	ttttctatct	420
ctagcatgca	tattttgtgt	tcattcaagt	gaagaaaaca	gtcttttgtg	ttctcaggta	480
ctgcataagc	cgaccacagt	ataagacttc	ttgtggcatc	tcttcattaa	tttcttgttg	540

gaattttctta	tacagcacaa	tgggagctgg	aaaccttccc	ctattaccca	agaagaagct	600
ttacatatcc	tgggctttca	acctccatct	gaagatatta	aggtttggtc	ctttcacggg	660
gaatcaacac	ttatgangnt	ggtttaagac	aaattaaatg	accttttccc	atgtnaaaaa	720
ggatgctctt	atggttctat	attaaacctt	cattggggaa	gaataaaaaa	caccagggag	780
aaaacctgct	tcanggggnc	cctgtcnaaa	gttaaccccg	ngggtttgga	aan	833

<210> 3996

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3996

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tcggcagcag	gagaagcaga	gggacaaggt	gtcatccaag	tgacctacct	gcctcagcct	120
cccaaagtgc	tgggactaca	ggcatgagcc	actgtgcccg	gcctgttatt	gttgtgttgt	180
cctgctttta	tgggtgcttct	ttttctttat	ttgtaatagt	ttccccctcc	actcccaactg	240
ttttcttaac	atggagaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	300
tgttgactcc	attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	360
gtaaccagct	caccttagcc	ttcttgtaga	gggcttatga	tcttagttgg	attaagttaa	420
caagtttttg	ttcagaaatt	ggaaaatact	agtcaccatt	actttcatct	gtacttgaaa	480
atttcgtctc	tcagacatcc	atcatctcta	ggtgttggtg	acaangcttg	acatctttct	540
aacagttgac	tttggttctt	taaattcctt	gaactaattg	agagttttct	taagcagagc	600
ttanaaggag	tacttgcagc	ccccaaaaca	aangcaggtt	tttaaaatta	ttgggtctata	660
agtctttggt	tattccagct	gtcaccctaa	atggggattt	tangcattta	caatcggtaa	720
aagggcaaaa	ccccaaatta	ggggatggac	aaaatccctc	actggnggat	gactctttta	780
tgcttaccct	caagactttt	ttaagagtgn	ggattatcaa	ccangnactt	cattggcn	838

<210> 3997

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3997

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tcggtaaaaa	ccctctgatg	caaaaaaaag	tattaacttt	cacaagctgt	ttgtactcaa	120
atacattttc	tcagtttcag	atcctctgct	gttttattga	gtggaaagtt	gagctaaaaa	180
ggttcaagaa	gaataatggt	gcatttcctt	atgtctcagg	aaacactttt	tatggtaact	240
tgctcagattg	tctatgaaca	aaccactttt	tttagacatt	gataaagtct	tcttttcttc	300
acgtgatatt	ttatacaaga	gcacttcaga	tgtattagat	gtgactgatt	ttacaaatc	360
ctattagatt	tgtatcaact	agttacatgt	tctattcaca	gtcttttgtg	aatcattgcc	420
tttttgtttg	aaaagatggc	ctctttttag	cctttgtttg	gatacattcc	tgtttttgtg	480
acaaaagaaa	aacttttaaaa	ttgtcccaag	cagaaaaata	atggctatca	gaagtatgtt	540
ttgttttcagt	gtgagttact	gttactgtat	ttgtttattg	taaacgtaga	catttagcat	600
tactgacagt	tttcaataaa	aagtaattaa	aatttgttga	gttctgaaat	tcaagtacat	660
ctcactaatg	taaaagtctt	ctacttgaga	tgtttaaggc	aagtgcgttg	tcaattacca	720
atttccaact	cttgttctac	agggtctatc	tgcttattca	taccagactc	aagaatg	777

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3998

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atgcagtggc	agtgaacctt	tctgagcggc	tactgggaaa	tttctcatta	gcagttccga	180
tctttgttgc	cctctcctgc	tttggctcca	tgaacgggtg	tgtgtttgct	gtctccaggt	240
tattctatgt	tgcgtctcga	gaggggtcacc	ttccagaaat	cctctccatg	attcatgtcc	300
gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgtctt	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccaggtgg	ctttttattg	420
ggctggcagt	tgctgggctg	atztatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaaggtgcc	actgttcac	ccactttgtt	ttccttcaca	tgccctctca	tggttgccct	540
ttccctctat	tcggacccat	ttagtacang	gattggcttc	gtcatcactc	tgactggagt	600
ccctgcgtat	tatctcttta	ttatatggga	caagaaaccc	angtggttta	gaataatgtc	660
agagaaaata	accccgaaca	ttacaaataa	tactggaagt	tgtccagaag	aagataatta	720
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<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (801)
 <223> n = A,T,C or G

<400> 3999

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aatagtccta	attggccctg	agttgttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
gcctttcaaa	attgacaagt	gtgggtgtaa	gggttagaga	gtaagttggt	gatgaatgat	360
acactactct	ttggagaata	aagagccagg	tgtgagggtg	gagtgttcta	ngattaggag	420
acttggtatg	gtttgaaacc	tgaggagtaa	gaaattgggt	gagagaaggg	actctgagag	480
gatgccacag	tattggctac	agctttttca	tcttccccaa	ttatccagta	aaagcagagc	540
tccctttaat	attgggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnttaacaag	660
aggaaataaa	acttttgtgg	tttgaggtg	gaaatgaaaa	atcctaagga	ctcttgtaga	720
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acaanaatgg	gtttttattg	t				801

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 4000
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 aaagaccata ttttaagtat cttttgtgtc ctagatgcac tgagtaaaan nccagggatg 180
 ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana 240
 aacattgnaa agatactgna nagttntctgc tatcctacac tgtttcccat attattaacg 300
 ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag 360
 agaccatact ttatnagggt tccacaggnt ttttccttaa tgttctttca ctatcccagg 420
 atcccatnca caataccaca ttacatttag taattatgtc tccttagctc ctcttggttg 480
 tgacaatttc tcagactttc cctgtattta gtgacctggc cagttttgaa cattactggt 540
 caggttntgt ttgtttgttt ttttgagaca ggatctccct ctgtcaccaa gactggagtg 600
 cagtggaaac atctcatctc actgcagcct caacactctg gggcacaagt atcctntgac 660
 ctcaatgtcc ggagaacctg ggcccagana tgtgtgccat catgctctct aaaaatacaa 720
 aaaaataacc cggcgtgatg gtgggggcctg tatcccagct actcnggagn tgagggga 777

<210> 4001
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 4001
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 ttttttattt attaccacaa tctgtgaaca aatacaaaata tctttccagt tagtgcattc 180
 cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatggttt tgtagtaag 240
 gaaaattatc aaaatgggat attaggttggt ctactagcag tcttggcctc atgctttcag 300
 taaatagtgt gcacttcaga tcatgtggca ttggagaaaag gaagaacatg ttaataatat 360
 aacatgggtt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcat 420
 aggctacaag acaaatttct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt 480
 tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga 540
 aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca 600
 tgcaaaataa ttatgaaata atgatgtatg acaggaatgc agagaaggga gagatcagtg 660
 tgcataaatt aatgagaaaa acctcatgga gaaggagcag cataggttag atcttaagga 720
 atgggaaata ttgcagcana tgaaaangac tgccagggta ggttataata tagtagngga 780
 agaaaaaa 787

<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 4002

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aancnnnnnn nnnnnnnttt gaantcatag aaacaagcta cttgttcttt ttgcaggatc      60
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ttttggaact ggaaatatag cttctattaa cagctttgat cttgcctctg tctattgctt      180
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc      240
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa      300
aagccttttt ctcattgttc tcgtcatatc agacattatg gctttgcatt ttttcttctt      360
ggccaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt      420
catgtccatg accatctttt tgggtgttct caatggcctg gccagctgc tcacaacgaa      480
gaaactcaga ctatgtggca aacccaaaag tcaattcatg tgagggttgc gaagcaccat      540
tcagcatctg gatcctgatt ctctttttaa gctaaaatct catcaaggct tcaataagaa      600
gatggatatg gatatatagt atattctact cctgtaagga aaatggtatt tgggaattccg      660
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga      720
aatagtgatt atatctgtgg aaaagcatan gaaggcattc tcctttttca ttttttctct      780

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<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

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tcgttcacaa atccctaggg ctcaatgtta aagtcagcca ttgtttaagg cagaaattca      180
ggtttagata tagtgtagca aagattttcc attatatgag atatcgatcc tattaaacat      240
aaaacttttc tcttggtctt ctattttact gtcttttggt gccatcagct gtatgccctt      300
taattttttc tagtaatacc ttggaattta aaaatgaaat taaaaatgtt tatgttttag      360
tgtttttaaa aataattcga ttaagtatgc tatgatagag gagcaaagtt gttattagta      420
atatcaatgt gcttacaact tatggaaatg aaaaatagtc ttagtctcta gcagcctttc      480
tgctgtagta aaatagtttg tgcactttta atcgtgtgta ggttacatct tcaaaggact      540
gagtggcata agccagggag gtcttagaaa tcttacaaaa ggaaaaaaat aagaaattat      600
tctcatcat atgaaaatta tttactaaca atgtatgatg gtttaanctt cttttaaatt      660
cttcactttc cactcctttt tgcttctttc cttttagttg gactattacc ggagttacct      720
tacactaatg ttgangtatt tggggttcan aagaaaaata ggccaagtaa anggaaaatt      780
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<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

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cntngaaaca anctacttgt tcttttttgc ggatcccatc gattcgcact gtggagtccc      120
tgcaagtcag caggaccagg gctgtcttcc tgcaccatct ggatttggtt agctctctct      180
gggcagtggg gccgagtcct atttctctca acaataatgt tatataggca atgatcctgg      240

```

```

gctgccctaa cataattgaa aattatgtgt attgtaggct tggagtgtctg aaatgtgggc 300
tcataaaaaat atgtgggtgca ggtagcctat ggagattgga tgtggcacac aatgaacttt 360
atgtaaagta agaactataa gtctccatgt taatattgta ttatgagtat gacagttctt 420
gggtgggtcc tcagggcagg tctgtcacct tcaacaaagc ccgagtttcc taattctaca 480
gagctgggtat ttggatgtaa tcaaactcgg tttgcagggtg gccaaagatg aaaacttgtc 540
caccaatcca gctctcccca ctgaggggata gcatgggatg tagatgggtt tgactccatt 600
tggcattttt gttcacggnt ttttatgaga tggagagggtg agtgttggtg ggtgtccatt 660
ttggttggcc tcaaggaaat gactctattg agtgggtttt accaatgcac tcatatagtt 720
atgtggtaag tgaaggatgg gggtcctgta cacaaccacc cactagttct nttctccacc 780
aaaaaggaat aaaagttttg ctttcattct caaaaa 816

```

<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4005

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atcccatcga ttcgaattcg gcacgaggct ggaggctgtc agaaggatgc tgggggtgaa 120
gacaccctgg ggtcctgaca accattggga gtgtctgggtg ctccctgggtg agagagaggg 180
ccagttggaa aagcctgcag gccagccct ggggcagAAC tgagtgtggc ggggtgctggg 240
cacaggatat tccccaggg gcttagcttc atgcattcag gottaccttg aggctccaag 300
cttattgggtg gcataagctc tgcagatccc tcacctgcca tcagcctcat ctgaatcttt 360
gtctttcctc agataagccc ttaggcacca gcttagacac ctccaagaac caggccccgc 420
tgatgaaga tggcagatct gataccatt agagccccga gaattcctct tctggatccc 480
agtttgcagc aaaccccaca cccagctca cacagcaaaa acaatggaca ggcccagagg 540
gtgaagcaaa cagtgtccct tctggctgtg ttggagcctc ccagtaacc acctatttat 600
tttacctctt tccccaaact ggagcattta tgccatangct tgtcaagaat ctgttcagtc 660
cctctccttc tcaataaaaag catcttcaag cttaaaaaaa aaaaaaaaaa aaactcgagc 720
ctntaaaact atagtgagtc gtattacgta gatccaacat gataanaaca ttgatgaatt 780
tggaca 786

```

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4006

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attccatcag ctcttggttct ttttgcagga tcccatcgat tcgaattcgg caccagggga 60
attcgaccaa catggagaaa cccgtctct actgaaaata caaaatagcc gggcggtgtg 120
gcatgaacta ccacactcgg cagcatattt taaaatgcag ttatttctga aagtttttgg 180
ttttacacaa tttttttttt aggtaataag atgtattgta aggattatgc ttacgtatgg 240
tacagagtat acttcacatt gttcctgtct tttttgtggg ggagggaatg accgaaagca 300
ttgggaatgt taaaggcaaa tgagtaaaaa gaaaactaaa aaacgattac ttcttcaaat 360
aatgaggaaa gcgtttttta aatttttgtc tgttttttaa aagcaagttt catgttagat 420
ttcttaccac actcaattat ttctaatat aaaatagata taaaatttgt gatttggttac 480

```

tttttatgta	agcatatata	gtccagtcta	aaatgaccaa	cttccaaatg	tgttccagaa	540
aagaatcatg	acattttata	gctgaaaagg	acctaataat	ccagtccttt	taatataaca	600
tatggtaact	gactccttgg	gagtataaaa	ttaattattt	aagaaccagg	taagatagta	660
gccagagcct	agaaccaatn	actcagatgc	cccttatcca	ttctaataat	ccacagcatt	720
ttctagaaac	ctcacttaan	gcanttaatg	tggatagggt	tttacctcna	aaatagtcaa	780
ncccccaaat	gtagccaaat	acctaaggng	gccttttttg	nttcn		825

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4007

ttagnnnnng	tttaanccct	tttgaanttt	ttanaanaca	agctacttgt	tctttttgca	60
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gttcgggact	accccgcctc	ccatggcctg	cccagcgctg	agtgagagcc	agcccaagtt	180
cggccacttc	ctcgagttca	tggatgagtt	ctgccaggag	cccacagcca	gtgactcaca	240
aggctagagc	tgtgcatggg	ggctgtgtgc	accaccggc	ctgtgcccc	notctccccg	300
agggctctgt	gccttgagcc	gcacctcaag	gttgaccagc	cggccacagg	cctcagagct	360
cagctggggc	ccacttgctg	gccacaaggt	ggcatccctt	tgtcaggatc	tcccctcctt	420
ggcccaggca	tgacctgggtg	cctggcccag	cggcaataaa	gagtgggtgc	acagggcaat	480
agactgggtg	ccacatgcat	tctttcttgg	aacccancca	cagcaacatt	gtcacacttc	540
cctctaaaaa	tggttttcca	gntcagatgc	aacagggata	catttgttct	ctggtgtatg	600
agaaactgac	accaagggga	tcttaacaaa	ttcctgaaca	atggcttcaa	aaaaggatat	660
ttttaaaaac	cagatcttgt	gagtacaagc	cctaattgtc	anggacaggg	tcctcctgta	720
tattcgttct	ttactcaaac	tctttcttgg	ttccttcatt	angaagcatg	aatgggtgaa	780
tgtgaac						787

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4008

tattcnatnc	agctcttgtt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgagagt	60
acgagagcaa	agaatgccca	gagatgacac	tagtgatttc	ttgaaaaact	cattattgga	120
atctgatagt	ggcttttatt	ggggcttacg	gtgagacata	tcctgccatt	gaagatgacg	180
tcttcctccc	accatcacag	ttgcctctcg	cacgggagcg	caggangaac	aatgggaaag	240
gactagacat	tgatagcagt	cgtncctaag	tagcaccaga	tggctctctc	ctaaaatcta	300
tatccagtgt	aatgtttgat	gagcttagag	tgagaaaatg	aggaacgaat	gcgaagactg	360
aatgaatntc	acaataaacc	tattaataca	gatgatgaga	gttcaactgg	tgacctgat	420
gacatcatga	aacacatagg	ggatgacgga	tcaaaactctg	tagc		464

<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

tttgaaacct	ttgatacaag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatg	cctagtgggc	tctgagtgtg	ggattcttga	acctgctgat	ttgcatttca	120
cctgtagttc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaatttca	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggcct	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaaat	cactagaact	tgctttctgc	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaac	catgtgtttt	gtcttttaga	aagggtgttg	gtggacttca	aggtttagat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaatgata	600
atggttgagg	catattgggt	taataaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacatttgaa	antatatatt	atggcttctg	cttacgactt	720
ggatcatgtt	tatgttgggc	cacatagttt	aaatcnttta	tatctn		766

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

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cccacogatt	cgaattcggc	acgagaagac	acttcctctc	cggaaagcca	gtcatattca	120
tcccagcgtc	tttcttggtg	tctgtgcatg	gataaagcct	ccccattccc	ccgtgcccc	180
caccactttg	tgtcctttca	ctttgcttca	cttatgtgcc	caccactcca	gggctccctg	240
aggtccagga	attccatgcc	attccctttc	acatggctga	gagccccagc	cctgtggatg	300
agctgtcctg	agtgggcact	cagtaatgtg	ggcgtaactg	aaccaagctg	aagaggggaag	360
gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	tcgttaaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480
agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcacg	tttccaatct	540
ccaagcaggc	attgagggcc	tctgggctgc	gtgtgggaga	gccaggaaga	aagaagagta	600
ggccctgcct	ttaaggctct	tctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaca	ngcagccagc	cagcctgcct	atgggcagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
tatt						784

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

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cccatcgatt	cgctcagcca	ccgtctcctt	acctgactcc	tctgggaaag	agtttcccta	120
ggtaagcca	tacagggata	gggtaggaga	tgccatttgg	atctaggagc	agagggcaga	180
gcctcagcag	gaagagtgtc	tctttgagaa	ggagacacag	tggagcaggt	gtgtaggttc	240
acagggccag	ctatgggtag	agtcgggtgt	acatttttag	aagccacaat	tcccaaaaat	300
ctcctgacta	taacatcagt	gcacagagcc	agtcaaattg	aggaggagtg	ggtccaggca	360
attcaggaag	aaggaaagta	acaaatgagt	ggttgcagga	ggacactttt	tctgtcgagg	420
tcactaaaca	aaacattgtc	tcctcccctt	aacttcagaa	acaatggagg	gtaaaagtgt	480
cgcttgggcc	ctgggggcaa	agacggtaga	taacttctct	gtcgtgttct	ccagaagggc	540
ccaacaatta	caaggttcta	cggttctaaa	ttccaatcta	gtcttccaca	tcattttgaa	600
ggtataatat	tacttgtcaa	agtgggatga	tagaagatat	gtgtggacat	aaattgttgt	660
caaggaaaaa	aacttaaata	agaaaataag	agaaaaaatn	tntgtatgta	cagtggttac	720
tagaaatatg	ccttttaaat	atttggcatg	tggatttgtg	cctcatcttc	actcagtng	780
a						781

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

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cccatcgatt	cgaattcggc	acgagattca	aagtacattt	gacaaccac	tgcaagttgt	120
ggcatacatg	ggtgccatga	accatgacac	caactacagc	tttcagggtc	aatgtggctt	180
aattgtgggt	ggcctacaaa	gatggatcac	ctgcccaccc	acatttcatg	gatgcagagc	240
tctgttccca	gtactggacc	aagtggcttc	ttcgactaga	agaatatacg	gaaaagaaaa	300
agaaccagaa	tattcagaaa	ccagaatatt	cagaataggg	agcaagttgc	tatttgggaa	360
cattcagcac	cttctcacag	tttgggaaca	tatattgctg	tttactccag	tgtaaaaaatg	420
aggtgccact	ggatctgagt	gctacacgaa	cacaagtaga	agtattaatt	tgttgaaatg	480
tgttgttacc	aaaaagactg	aaaagcccca	aagtctagat	ataaagacct	agacttcggc	540
acgcgaaatc	ccactatgct	acctcttatt	tacctgaaag	gaggacacgc	aggatgggca	600
gtcatgctgg	tgactcttgt	actcccttga	gggacattgg	tggggggggg	gcgtgggtccc	660
angcaggatg	cccantcttt	gactganatt	ggaangcant	gangnttgag	ggtgccaaaa	720
attncccang	gttcacccag	angggggangg	gctacatgcc	ccanctgtgt	gcangggagg	780
acacn						785

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

acctttaaac	ancttntgaa	ntncttgac	gatcccatcg	attctanttc	ntnncgcagg	60
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cagccnccan cncganttnng gcacnagctc nanagetgct gcttttcccn tggcnganaa 120
cnttnanttt agtcctggat tctgtcacan aacatntnan ctgccnttnt ccctnnggag 180
aattganntg gnaacctact tnagnngcat gaaaaaacct agacntctcn gaannnganaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccgngnatc 300
aatacatacn ggctgntctt gccnttttca aggggtgggcc aaacgnccat nctanggnct 360
ggatcantat gggntntgcc aagcgatcag aacnagagcc atttgcttag ctgcgggaat 420
gaacanggnr cttgganacn ggcactcata tacacccctt ttenttttnc cccttgatng 480
gaagcttctc tganatgaca ctctcaaaga tnggttctgn agtgacttat tgccaaagca 540
ccacttnncc tngttgagtt taaganganc acatttgggc taaggggcct ntgnttngat 600
gtaaagtgat ctctnngngg tctacatttt tcntaaataa tnccttatga tccaccatga 660
gtntgaatac tttgcttggg acatangctg ccnatcattg cctggaagct gccacaagta 720
cngnagtcce tggggcaaat agcttcaaat ttttgnact ctcaagccca tgtcacatan 780
tt

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<210> 4014
<211> 794
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

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<400> 4014
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ccagctgctt gtttttgtaa ataattgttt accggaatcc accactccca cttgtttaca 180
tatcatccct ggctgctttt atgctacant gaagtgggag ggggttgagta gttgaaacaa 240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag 300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgcgttggt 360
gctctgncgc ccaagttgga gtgcggaggc aagatcttgg ctactgcaa cctctgcctc 420
ccaggttcaa gtgattctct tgtctcaacc tcccaagtag ctgggattac aggcacatgc 480
cgccatgccc agctaanttt tgnattttta gtagagatga ggttttgcca tgttgccag 540
gctggtctca aactcctgac ttttagtgat ccgctgcct ctgcattcca aagtgatggg 600
attatangcg tgagccactg tgcccggcct acaaataat nttaacagc acatntcaat 660
tntattaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt 720
actgggccc cacaatatca aaatngctgn atccttggn a cctcctacct cctggtacct 780
tatnagaata agcn
794

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```

<210> 4015
<211> 786
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

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<400> 4015
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ttttgcagga tcccacgat tcgaattcgg cagcagagaa gatgaccgag agactcttgt 120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga 180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca 240
acctgatgct tgctacaaac ctattggaaa gccttaaacc gggaaatttc catgctatct 300

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```

agagggttttt gatgtcatct taagaaacac acttaagagc atcagattta ctgattgcat 360
tttatgcttt aagtacgaaa gggtttgtgc caataattcac tacntattat gcagtattta 420
tatcttttgt atgtaaaact ttaactgatt tctgtcatte atcaatgagt agaagtaaata 480
acattatagn tgatttttgc aaatcttaat ttaaaagcct cattttccta gaaatctaata 540
tattcagtta ttcattgacaa tattttttta aaagtaagaa attctgagtt gtcttcttgg 600
agctgtaggt cttgaagcag caacgtcttt caggggttgg agacagaacc cattctccaa 660
tct .gtagt tttttcgaaa ggctgtgac atttattgat ccgtgatatg acttggtact 720
agggtaactga aaaaaatgtc taagcctttc agaaacattt ttagtaatga ggatgagaac 780
tttttc 786

```

```

<210> 4016
<211> 783
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (783)
<223> n = A,T,C or G

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<400> 4016
ttttgaaccn ttanacancc tcttgnnttg aaaacctaga nacaagctac ttgttctttt 60
tgcagggatc ccattcgatc gaattcggca cgagaggacc tccagttaaa tttgaatttc 120
agatgcctat gaatagtttt cagtataagt atgtcccatg caatacttgg gatacgattg 180
tgctgaagtg gttttcattg tttgtctgaa cttcaaattt aactggacat cctgtatttt 240
tatttgctgt cttgcaactt ggttctgaga gagagaccgc agttcttccc attcacactg 300
tgtgttgggc agggcatttg ggccacttga tgttggctag gtaggttctc atcttgagaa 360
accaaatttc tgattcccag ctctgtgccc gtactgtgcc tttttccact caagatctta 420
aaactttgcc taggaagaga agggtcggga aatggtggga tggggacttg agtgtaatt 480
tctgagtctt ctctctgggg tggattgctt ctgtgccatg gtctttgttt ccggtttag 540
gtgctgaccc catatgctgt ctgactgca atgacaaagt atctaaatac aaatgtgata 600
accaagactg ctgatgagtt tgcaaaaagt cattgaatta tgtcacaatt ggaggtgaaa 660
cctgtggctg ccttgcccat gaaatcttgg cgggctttct gancctgatc ccngcctggg 720
ccttctacag cgggtgcctt caaaagctgn tcttgaccac tatgtggcat acctgaactc 780
ant 783

```

```

<210> 4017
<211> 786
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (786)
<223> n = A,T,C or G

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<400> 4017
ttgaaccntn nnnncttttg aatttgaaac ctnaaacag ctacttgctt tttttgcagg 60
atcccatcga ttctgaattcg gcacgagggt aacttctctg anagngttcc ttgtaaggct 120
cttatgaaca gtcgccatat atatatagtt gatgggcngg gaagatctgg gangtnagca 180
nnaagagcct ttagttccgc cncatagaac aaantagagg tcacagggtt natgccctga 240
gatatggaat tgaaatntta gacttcaggg tcatagactc ttggaaggaa nactagagta 300
cattcntgac cctcncctt aattncttna caggngngaa aaccangagc tncngaaaat 360
nngttattcc tcanctccag ggctacctnc gatctgtgtt tgctctgacg aatggaattt 420
atcctcacan attggtgttc tnnntgtctt accacctaat tanntnnctg ctacaaaaaa 480
aaaaaaaaaa aaactcgagc ctttanaact atagnagtc ggattacnnc natccngnca 540

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tgatangatn	cattgntgag	nttggacaaa	ccnnanctag	aatgcancga	aaaaaatgct	600
ntatttgcga	aatntgggat	gctnttgctt	tatttgtaac	cattataagc	tgcaataaan	660
aagttanaca	acaacaattg	cnttcatttt	atgtttcaag	ttcaggggga	ggngngggag	720
gtttttta	ttngcggncg	nggcgcnaa	tgcatgtggg	cccggacca	ncttttggtt	780
ncttta						786

<210> 4018

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4018

nnntactata	naatacaagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggcga	gctgaagtac	acaaagtttc	aaggccngaa	aatgagcact	canaaatgat	120
aacaagagac	aagtagctcc	aggtgctcct	tcagctccaa	ggagagggcg	tgggggtcat	180
cggggtggca	ggggaagatt	tggtattcgg	cgagatgggc	caatgaaatt	tgataaagac	240
tttgactttg	aaagtgcaaa	tgacacaattc	aacaaggaag	anattgacag	agagtttcat	300
aataaaactta	aattaaaaga	agataaaactt	gagaaacagg	agaagcctgt	aaatggtgaa	360
gataaaggag	actcaggagt	tgatacccaa	aacagtgaag	gaaatgccga	tgaagaagat	420
ccacttggac	ctaattgcta	ttatgacaaa	actaaatcct	tctttgataa	tatttcttgt	480
gatgacaata	gagaacggag	accaacctgg	gctgaagaaa	gaagattaaa	tgctgaaaca	540
tttggaatcc	cacttcgtcc	aaaccgtggc	cgtgggggat	acagangcag	aggangtctt	600
ggtttccntg	gtggcanaag	gccttggtgg	tggcaaangt	ggtccttcct	tgccctcgan	660
gatttccncc	ntggattcaa	aagaagtcgt	gggggcccgg	agtttgcgga	ttttgaatnt	720
aggaaagaca	acanaagttg	tgcntagtct	acaaacaag			759

<210> 4019

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4019

gaatccnnta	cnatananac	aagctacttg	ttctttttgc	aggatcccat	cgattcgcctc	60
ggacataaat	tatttcatte	acaccatctt	nccttcccac	acacacaccc	tggagcaaac	120
actggcaccg	cntctaacia	ctcaaggctg	tgtcccagg	atgactgctc	cagctntctt	180
acgttctgcc	tganaagcctg	ccaagagaat	caactgtttg	atagggccca	tctacangct	240
ttgtganaga	gtnggggcct	aattttgtta	anctccannt	tgtaaagcca	nanagcctaa	300
tcgcgtngac	anccnccttc	ctgcttttca	aanattatct	gcttnccctga	atactgccta	360
tgctccctn	ctcctccctt	attctcccta	ctgcagnagt	gantatggat	gaaattatgt	420
ncttccctgta	ttaaactcagg	tcantctggg	ttgnntttgg	caccgggnac	aagtgcgtgtt	480
gggtctgctt	gnaccactat	tcccccaantg	ccactggtag	cacanatcaa	caaatecttt	540
nctctnagct	catntgttga	gaaattatca	ggagccatgg	gaagaaatta	ctatttttnat	600
catgntagaa	atatatttca	nngtgtnttg	aagagtgtna	ananttga	ntgggaaaag	660
gatttnangc	tgcaacttggg	angcaanatg	atgaacctta	ctatggcact	nnggactnaa	720
agtangatga	gccccantac	tgacccccag	gccngnt			757

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020
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 cctgtgctgc atggaccacc agtgggtgtt gaggtggtga antgtgtccc cgctaactcc 180
 actctgggca gtnaactgaa nagggagcaa agcccatgaa atgggccttt gtggcagtgg 240
 tggaggtaga gtgaccaca acaaacctcc ccacttgtnc ctnnccattc agnngntcca 300
 gaggcagtga gcttggaatc ttaacangag agatcttggg gtgggggtgtg gactttccac 360
 aaaggcatta cctacatgca cgttccctta cacatgtagc cttccaatct catacntaan 420
 ancacttatt taagtnaaat atgcctatth caacagcaag aactntggnn tggggagtaa 480
 agatntnttt anttnactat ttagtattaa ctgagtaaag atttaaaaag gactggatgg 540
 ggggtgggcac atggggctgg ggtgcatttg ctntngctct acatttatga aagaccncaa 600
 atncattatg tgacattttt tnnaaacaag ggtatatata ctacancaga tacacaggng 660
 ctagaanaaa agtncatcat aaaacttcac actnnggggtt gtattacaaa accacatagc 720
 ttcattnnga nttatgatgt cnggaaaaat tattanantc tgtnt 765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021
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 tttgcaggat cccatcgatt cgaattttgc catcttttat caggctttct gtgtcgagga 120
 cgctacccac atagagtaga agctaaaggg aagggatgtg aagtgcctc accctcagct 180
 tctanctcat ggtgtcaagg cttgtgtgat cttagacacn tctgcctctt ctgagcctgt 240
 ttcttcatct gtnaaacang gatgggaggt tgtggtnaan attccacagc aacactgcac 300
 acgcatnaan tacctnggcc agggatgact cggcngacct cattttccct ctgectcctg 360
 cctanagctg ttagcaagca tccatcatgc ggntcacaca agagctcccc cnggaggtta 420
 cagaaatgaa ggcngcagcc ccagtncttg ggtagcctgt tcccccttga aggaaacaga 480
 ctcaatatca gcaacacaga gtgaatgacg ccagggtggc naacnggcct ttctgnagc 540
 aaatgcggga ggcttcatgg agatgacgtg ttatgaacan cactcatctt acgctgggag 600
 cagcacatgc ccccgccang gagccagtc ctgtcttcaa atacagtcac actgnggggtt 660
 naacaatgtg taaatttggg ggcgatacaa acattcagtc cataacaccc ctataccna 720
 acccttaggc aancactaat ntacatntta tctttacaga tgacctattc tggacatgtc 780
 atatnaatgg 790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 4022
gagnnnnnttg nancccttnt gaaatctttt aacacaagct acttggttctt tttgcaggat 60
cccatcgatt cgaattcggc acgaggggtg gcggctgtaa tttgagctat tcgggaggct 120
gaggcaggag aatcacttga acccaggaga cgaagggttg agtgaccoga gatcgtagga 180
ctgcactcca tcctgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaag 240
taatagggag gcaaatacaga atttgtgtgg gaggaccccc tagttctggc tcttggttagt 300
atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360
cagaatggtt tttgataggt atgaactagt ctaagcacia gtatacttct gtgtaagtag 420
catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480
gtatggtacc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540
ttttaaaatg ttttaatagcc agatgtgctg tttgccaggc ttanaagttg gtacttctgt 600
gaatgaaaaan gtgtgactga gtcacataaa ctggtattca gctagcccag tcatcagttt 660
attccatatt caaggggaaa ccaaggctgn ttttcctctt tatactttga agatgatggc 720
atttaaaatc aagtaattgg ggctgggtgt ggtggnccac atgtgaaatc ctaatgcttt 780
g 781

<210> 4023
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 4023
gnntatanat acagctactt gttcttttttg caggatccca tcgattcgcc cctttgcctt 60
ccaccatgat tataagtttc ctgaggcctc ctgggacatg cggaattgtg actcaattaa 120
acctgttttc tttataaatt acccagtccc cagcagttct ttatagaagt gtgaaaacag 180
actaatacaa tcctgaagca ttcatcaaaa gaattgtaac aggagatgaa acatggcttc 240
accagtatga tcctgaagaa aaagcacaat caaagcagtg gctatcaaga ggagggaagtc 300
aaagcaaagc agaccagtca agagcaaagg taatggcaac agttttttta ggatactcaa 360
ggtattttcc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420
agagtgtttt gggaaagtta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480
agacagttct tctccaccgt gacaatgctt ttgctcatgt ctctcatcat caagaacaat 540
tttgtagtag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600
ctttttggtt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660
aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720
anggnnggtc tnaaanggtc ggggggcatt tttttaccna aaggggnctt tggaaattg 779

<210> 4024
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4024

taatcncttg	gtttctaata	cntgggnctc	gnactttctn	cannancenn	tgcgntgcga	60
attcggcacg	agcccagccc	tagatactgg	cactactgag	gaggatcggt	taaaaattga	120
tgtaattgac	tggttggtat	ttgacccagc	gcagagggca	gaagcactga	aacaaggcaa	180
tgcaattatg	agaaaattct	tggcatacaa	aaagcacgaa	gctgcaaaag	aagtatttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaac	aaggaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttgtgca	tcagagctta	360
tttggaagcc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caacttttac	tganaaaagt	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtattttgga	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttggtgtt	tggtgatgga	gggtggatgg	tggtatgttag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaattg	gtcttactga	gaaagctttt	660
gtctgccaat	gttggttttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatnggna	ttcctttgag	cgccacaaa	cttg	774

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4025

gnntatatat	cagctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagct	60
catcacactg	ttgtatactt	cgtagctatt	acttcttta	tccccaagga	cttgtttaac	120
aaagtgttct	tcagtttcta	cttcctagtt	cctttgtgga	actggtaaaa	atttaaaata	180
tcttaacata	atattttatt	tcaaatgata	aacagtaagg	taaaatgtgg	tttttcttgg	240
acaacttatg	gtagaatgat	gtctagaata	tttagttatg	tcatttaata	ctttttttct	300
ttacaattta	aaaaaaaaatt	tattttattt	tagattcagg	gggtacacgt	gcaggtttgt	360
tacatggcta	gattatgtaa	tgccgaggtt	tgccctgcta	gcgcagccat	catccaaagt	420
gaccctagta	cccaataggt	agttttcaac	ctgtgtgctt	cctcttctac	cttctctttt	480
ggaatctcta	gtctattact	tccatcttta	tgttcacatg	tactcattgg	ttagctncca	540
cttacaaatg	agaccatgtg	gtatttgatt	tctggttctg	agttacttct	tttaggatag	600
aggatgaaaa	agagtgtacc	tccacttcac	ccatgtgctg	cnaagacatg	attcattctt	660
ttatgggtgga	tattttacct	ttttgcnagg	gganagatta	aattggccan	ntatgaaaaa	720
tgctgnatcc	ctat					734

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4026

aagtttaaac	ctgctctngt	ctttgcggat	ccctcgattc	gaattcggca	cgaggggggt	60
gggggtggga	ccctgggatg	gggggagaag	cagctgtttc	tgagagagaga	aggggtcatg	120
gtggccccag	actgtagaga	tttttatgtg	tttgataaca	tctgctgtgt	ggaaaaaaaa	180
aaactacaaa	aaccctaatt	ttgtacatac	tgtattttta	ctattgaact	gtattctagt	240
ggctgttcat	gtcccaagac	tttagttacc	gagacatgaa	tactatccat	gtaataagca	300

cttgccctgga	ataaaatata	aaactgaaat	aaacctgcac	tgaaacctga	aaaaaaaaaa	360
acaaaaaannn	anaanncnta	aaananccca	aaaanaanta	aaaaaaaaaan	ccnnggccct	420
ttaaannttt	ngggngccgt	ttancttaan	cccnnttn	ntannacctt	nnttnatttg	480
ggnaaccen	cantttaatt	nccggnaaaa	aatgnnttn	ttggnaant	tgggaancct	540
ttngctttnt	tngaaccntt	tttaagntgc	nataananag	ttaccnnena	nnttgncctn	600
nnttttaagg	tttcaaggg	ncaaggggga	aaggttttgg	naagggtttt	tttaaattnn	660
cnggggcccc	cnnggggncc	ccaattnnn	ttttgggccc	ccgggncccc	ccaagntttt	720
tnnnntcccc	cttttnangn	naaagggggt	ttnaatttgn	nnccccentt	tgggcnnnna	780
aaannnnngn	gggnnnntn	aancntnnt	nnccccctng	nnnnnnaaaa	aaattnc	837

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

ggnnnnnnnn	gnntntaata	nncagctact	ngttcttttt	gcaggatccc	tcgattcgct	60
gccatgtcta	gtgggctctt	ctgggctccg	tcctgagttt	gtcacacctc	ctagggccca	120
gaggagatga	tgtggtattt	ctatcactaa	aaggagttca	agaccagctt	gagtaacatg	180
gtgaaacctt	gtctccacta	aaaatacaaa	atttagccag	gcatgatggc	gcatgcctgt	240
aatcccagct	actcgggagg	ccgaggcagg	agaatcattt	caaccagga	ggtggagggt	300
gcagtgacct	gagatcgccg	tactgcactc	cggcctgcgt	gacagagcaa	gactccgtct	360
caaaaaaaa	aaaacaaaac	aggaaaagtc	ttagagaaac	cttgtgttta	ttcagaataa	420
aatgaaatag	ttaaaatggt	ttagtgcctt	ttattttcaa	attacatagt	cagtatcttc	480
tctcactactg	attcttggtt	gtatctttac	ccaaaatagg	agtagacac	tgatcattta	540
tttaattgttt	gatataatct	tncaaaatat	ggtatctggc	anaggggggt	gngagagagg	600
aagaatagca	caaggctttt	gtttgggtgc	ctgcttgctg	gttggatttt	gagatccaaa	660
tcaactattt	ttggatgaaa	tcgtagctaa	tttttctcgn	aacctntttt	tttttnggt	720
ctctgngccc	attgngtgct	tgggatcagg	aaaatgccct	atanttttng	gctattttgg	780
catttaa						837

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

agnntttatn	atcagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtttttctc	tgttacatca	tgctgaatcc	tttcccttag	ccattagctt	ttatgatgtg	120
gtcttcgtag	gaaagccacc	ctgggtgccaa	gcctagcttg	tggggagggg	tatgtgttcc	180
agaaactgct	ctttgtgttc	ccttcaatga	ggaaacaaca	tgtgtctact	tatgtggcat	240
ccaactgctt	ggagctccac	acttcccttt	cgcgactcag	gctctgggtg	tggttgccaat	300
ccttgcttgg	caaagactgt	tcgatcatgt	gggttcctta	tttacaagg	aaagctgggc	360
cagaaggcta	gcaattcang	tgttaccgct	attgctgtgc	cttgtgttan	gacatttgtt	420
gtgtgcatgg	actgngcctc	caaactcagt	agttcctatc	taaatatnaa	gtatattaca	480
aacctggaag	tacagaatct	caaccttaca	gtctttccct	tantcctgtg	gccttctaac	540

canctgntaa	egtgttgatt	ccttncaactt	ccccaaagtag	gcangcacan	attgtgange	600
ttaaaaaagta	atctggttcc	tntgactcat	tgaattcant	ttgcgcntct	ggctggaaca	660
nntgttgta	cagnttttaa	gaaaattgct	ggntgccna	taaggggtggc	ctggtgctcn	720
gggcctgngg	ctn					733

<210> 4029

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4029

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agaaggagaa	agcacatgaa	ggagcaagac	ccatgagagc	catcttcctg	gccgatggca	120
atgtcttcac	cactgggttc	agccgcatga	gcgagcggca	gctggctctc	tggaatccga	180
aaaatatgca	ggaaccaatt	gctcttcacg	agatggacac	tagcaatggg	gtgttgctgc	240
ctttctatga	ccctgacacc	agcatcattt	acttatgtgg	aaaggggtgac	agcagtattc	300
gctattttga	gatcacggat	gaatccccgt	acgtccacta	cctcaacaca	ttcagcagca	360
aggagcctca	gagagggatg	ggttacatgc	ccaagagggg	acttgatggt	aacaaatgtg	420
agattgccag	attcttcaaa	cttcatgaga	gaaagtgtga	acctattatt	atgactgttc	480
ccaggaagtc	tgaccttttc	caagatgacc	tgtatcctga	cacagcgggg	ccagaggccg	540
cgctggaggg	agaagantgg	ttcgaaggca	agaatgcaga	cccaatcctc	atctncttga	600
acacgggtac	attccangca	aaaacaggga	tctcaangtg	gtcaagaaga	acattcttgg	660
atagcaagcc	cactgcaacc	aagaagtgcg	anctgatcag	catncccaag	aaaaccacag	720
acacgggctg	tgancaaaaa	tgaacttgta	ccgaccatgn			760

<210> 4030

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4030

gnnttttana	tcaagctact	tggtcttttt	gcaggatccc	atcgattcga	atttcggcac	60
gaggctgtac	ggagagtgtc	ggaccgaggg	gagctgggag	caggtactgc	ctccatcctg	120
agctgccgtc	ctttgaaggg	agaacctggg	gtagggttcg	aggagcctgg	cgagaactgt	180
gcacctcctc	gggaggagca	gccccctcct	gtgctgcttt	ccccctcctc	tcaatatgct	240
ggggcggaga	ccctggcctc	caaagtgcaa	ttccgggacc	ccaaatccca	gcggacgcac	300
caggctcagg	tggcggtcca	ggtgtgtgtg	cgccctggct	cctacacccc	gggacccctc	360
tccgctgccc	ttggagaacc	tcttgaccct	cacttcagtc	cagccgaact	tgagtgggtc	420
actaaggaga	agggggccac	actcctctgt	gccctgctgg	tacgggtgga	atgaggggtg	480
agacaccact	actacaagca	cagtcggggc	gcggggccat	ggactctgan	tggcgactgc	540
cttcacctca	ttcccgtagc	tctgtggcatg	cncangtgct	ggancttggc	agccgcncan	600
gaacatgtag	gcaggctctt	aaatgtagggt	ggcaagtggc	acaacttcca	tgtccgagggc	660
ccacaattcg	gctgatggaa	gagtcnnggg	aaccctaant	cagccctggg	accccttttc	720
atgcntgatt	ngggaacatg	actcctttta	ctncccn			757

<210> 4031

<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 4031
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aatatttaac cccaagaaag tgaaaactaa tataaaatta gaaagaccta tccaaattag 120
acagtcaatt ccattaaaat aagaagtgag aaaaacaatg ttgggcattg aggtgtaaat 180
tttgcccaga tgtataccca gtgtgaaata tcttctaata aaaatatatt tggctcttat 240
ccctgcacat gtagaggcat aaaaattggt aaacatgtcc cgctgtgtag aactttaaaa 300
aaaaggcatt ttgaaagtg ttgagtggca ctgataactg gtgaancnnn nntnnnnnnn 360
nnnnanntnn nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnannnnnnn nnnnnnnnnn 420
ntnnnnnnnn nnnnnncnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nnnnnnnnnn 480
nnnnntnnnn nanntnnnnn nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnnnnnnntn 540
nnannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnannnnnnn nntnnnnnnn 600
nnnnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nnnnnnc 776

<210> 4032
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4032
ngtctaattc tggtctctgt tctttntgca ggatcccatc gattogaatt cggcacgaga 60
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tgcatttccc ttgggttgaa tggtagggat gcgggcagtt ggtgactggg tgaaccacct 180
gacttgagca gggctacgac tctctctgca aacnaaaccc agagacatga acagtgtctga 240
natttctcag tggtttccca tgtaggctgc tttccaaggg cancaagcat ggcttnatca 300
ctcaccaggt gcttctgatt cagcactgtg atgctcggtt aanttttaat gaggttntaa 360
atnttttctg atgtacgagt gtttatgcca acaaagatgc tgaattgtaa acaccancaa 420
tetgagtacc ttcttttgat tncnntctnc atattgaata atccctntat ntttgtgcgt 480
annatgaaat tgcattngat gtatnggttg anagtagatt ggtnatactt tncaaggaca 540
ggcaacaatt tcacgatnna acttcttaaa aattntntnn aacaaatgtn aaaatggatt 600
nttcttccaa aaaaccnttt ttcnttttg cacataccca ancaantgac ccngaaattt 660
aaaagtaatt tagngacnn ganttttagt gattaagggc nngtttaacn tttggacagt 720
ttttgccctt ttttaaaagg ctcggantcc nntntagnn aactcgctcc ccnc 774

<210> 4033
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (769)
 <223> n = A,T,C or G

<400> 4033

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gattctatcc	ttgagtaatc	tattttttata	aagggtattga	tgtaactatt	ttataaatga	180
aaaactacac	actaaaaacc	aaatatgtga	tctccagcat	cacagaaatg	aaataaggat	240
tttttttttaa	cttaggtaat	attgcttgaa	ctgtagtaat	tcaaagttag	caatttcaaa	300
ggtagaattt	cccatgtatt	actatactgc	ttcacatcag	ctctattaat	aaaagtagaa	360
cagttgcaaa	ggaactttta	tgatctgttt	tgacaggaca	gacaatttaa	aaagttgtta	420
ataaagggtt	ttagaattca	ctataagcct	ttcatgtggc	tttagttagc	cacatggaga	480
tccgttctgg	gacgaaagtt	ggaagtattc	tcaagaagta	aaaaatncca	aataatttat	540
aggggcacna	gtggtttgaa	gtactgggta	ggattanaag	nggggtcttg	cattgnccan	600
aaaccanact	actttgcaca	attatncttg	aattcctaata	catatccact	agcctactct	660
cttaaattgac	cccagaaaacc	ttgctcttaa	cattttaagac	aatgggaagg	tcttgctttc	720
taaaaatgcc	tttatttttaa	tacccttgc	caataaatgg	aatttnacn		769

<210> 4034
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (741)
 <223> n = A,T,C or G

<400> 4034

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ccagaagtgc	tcatgcaa	tggtgcaacac	aaatgtggcc	tccatgtcaa	gtcctttcac	180
gtgttctgac	agactcatgt	ctttccagat	ttctctgac	ggcgcccccc	accccttga	240
cagttaccag	agctcataag	ccaaaggaaa	tagttcctgt	tgccatgagt	actgtgtctg	300
tggtgaggtt	tatgagctgc	tcttagggct	gggtttttgc	ctgagaaaaac	aatcagattt	360
cgcttagatc	tgcaaganag	cagattagga	agggaaatata	tgcaaatatc	tatgttaatg	420
ccccaaacct	ataacttggc	ctcatgggtgc	ttgtgtagca	nttctcttag	agaaaacttt	480
ttttgcattt	aatatatatt	tcatgnnttt	gaaaatctgt	gttcatgcaa	agaaacctgg	540
aaagcaaaag	catnaggtca	aatatgaact	tggtcnnat	tcatataatt	ggggtatatc	600
atatcttttg	tgacatanaa	cngtnctttt	ataaccatct	ttgcttttnc	attggaaaaa	660
atncagcttt	cctgangagg	aatatntttt	cantgncnct	nttaaacctt	tngannngng	720
tngnngcggn	nanggggccc	n				741

<210> 4035
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4035

gnnttnanat	acagctcttg	ttctttttgc	aggatcccat	cgattcgcag	gactcaagat	60
gactttctaa	ggtgatttgg	ggatgcagtg	tatgcatttt	tttactcttt	ttgaaaaaaa	120

```

tcttttcttc gcctttggag tgtaacattt ggatagtttt attcagccca taataggacc 180
aaaggggaagg ggataaaaaa aaattcttta aagtacctca gataaaaagg ttttgtgaag 240
aaaaggactc aaaatcctag gttataccaa gactttatgt tcattttgaa ttttctttat 300
tcattttttt cctctctgtg tatagaataa tcaggagata ttggtgggca gaactgttgg 360
ttgataacag gaagcagagt atctgagaaa ggccctcatc ctgtttcctt ttggagctac 420
tgaggcctca catgccagcc attttaggat ttgatgaagg ctagagaaga gttaaactga 480
gccttcactt actcagcatc agtaggaagt agtggtggct acactaaaaa caccgttgtg 540
ccagtgagga tttgggggga aaatgacaag ctgcctgtga taaacaagca aactgtgaca 600
aactttttga tgtgtagggt ctgaagcttt tcaagtttac cgtcctcaaa agaataattt 660
tatatatata tatgcccac atgcccgaatn tngcattata tacctttnga tntacctgga 720
aaganaaaan gatgaaatgg ccngtaaaaa ttggaanattt ccagggaacc cgatc 775

```

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

```

ngnntttnaa tatacagget cttgttcttt ttgcaggatc ccategattc gaattcggca 60
cgagcttttag gttcttgatt atgtcactgt aataaagcaa ccaatggacc tttcatctgt 120
aatcagtaaa attgatctac acaagtatct gactgtgaaa gactatttga gagatattga 180
tctaactctgt agtaatgcct tagaatacaa tccagataga gatcctggag atcgtcttat 240
taggcataga gcctgtgctt taagagatac tgcctatgcc ataattaaag aagaacttga 300
tgaagacttt gagcagctct gtgaagaaat tcaggaatct agaaagaaaa gaggttgnag 360
ctcctccaaa tatgcccgtt ctactacca tgtgatgcca aancaaaatt cactcttgt 420
tggtgataaa agatcagacc cagagcagaa tgaaaagctn aagacaccga gtactcctgt 480
ggcttgcagc actcctgctn agttgaagag gaaaattcgc aaaaagtcaa actggtctta 540
ggcaccataa aaaagcgaag gaagatttcc angcaaagga tgatagccag aatgccatag 600
atcacaanaa ttgaaaagtg atccagagga aactnaagga cncaagtgtg gatcataatg 660
aggaccggga aacnccagga aagtcttcng gngggaagaa aattgaaaaa ccngccaaat 720
gccttttgaa agccaaactg ggaattgaga aataattcaa atncttggaa atttaggagn 780
aa 782

```

<210> 4037

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4037

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aanngtttga anaccnget acttgttctt tttgcaggat cccategatt cgaattcggc 60
acgagggttc ataaacacat ggctaacaaa gtaaagcctt caagtctggc acagactctt 120
gactacacga tgggaaaagg gattccaatt acgatttaac ttgtatttta aagatgagaa 180
aagaaatgaa taagaaaatt tgttgctatt tttcttcttc caaattagaa tctatatctc 240
taaaaaatact ttgcatgttt agtaaaccatc catcttgaac agaagatacc ttgacatcag 300
ttctatttta tacttatggc aattaagaga tttagaaagc agaggaaaag accaaaaaaa 360
agtatgtgtt acaaagtgtc atcatgcttg taggacccca gcattcttga aactaacgca 420

```

```

cctttaaaaa gtaatatatta cactgctgta aatatttgca aagtatcaat gtttaattca 480
cttagaattt taaggattat ggatttacta gcgaaaattc ccctaaagca actttcccat 540
atcagtaact tttatttagg gaaacaagtt taatgtcata atacatgtga ccttggaatt 600
caatagaatt ttcgaaacta gaagtaactc agaaccgttc actagatgtg ttttaaaggg 660
ctnttttgat actggcctta acatttgctt atttgcaaat taatatgtaa agaattgggt 720
ctaaaagtaa gttttaagga atgggtatct cnncaaaaat gttatttcct attnc 775

```

<210> 4038

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4038

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gagcccaaac ctaatttagg agtaaatatt ttgtagcaga tagccagatt tcagccaatc 120
acaggcttcc agctaacaag actatgcccc aataaggcaa atgcctcatc acatgatgct 180
caaatnaggc agccacctag gcnaggccaa tcaggtaact tttctacttt gcttaattgt 240
tcagcctgta caaatttgct gcttatgact gctgagcaga gctgtctnaa cctcttctgg 300
tttgaggatgc tgccttatat atgaattggg ctttgggtcac ataaaattgg ttaaatttaa 360
cttctctaaa gttttgtatt aaattgtatg taaaacattg gtagcacaat ttggattcag 420
atacccaaat attgactatg ataattgtaa taatccttaa gcagactgat ttacaaaggc 480
ctgaacaagt ttgatattct gaatattcac ttcttctgat gaaaaaattg ccaagacctt 540
ncaattggca gggaaaaaaa atgtgtgttg gttaaataag ttatgtttta caaccaagaa 600
catttaccac aanttaggaa aactctttac ctatggcccc nggcacctat ttttaaacca 660
cacccttttg gtaccctttt ttttaaattc ctngaaaaaa attttnttaa attaaaatat 720
ggccttttta aatatattaat ttggnanttt taatanntta angtggnant tttaaatatt 780
tggcccccctg gttttttggg ggaaattaat tgcngcaat ttaan 825

```

<210> 4039

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4039

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ttcaggagata tgttgactta gtngttcctt gtgactggaa tattctctgc ccaaactttg 120
aaaggctagt tagttacttc tcatcattcg ggcttaggtt aagtgtttcc tcttagagt 180
tcttccttga tttatcttcc cccagctcta aagtgccagt cacattaatc tgacatatatt 240
ctccatacag cactcatcac tgattgatna aaaatctatt ttgccatntt tctctctcac 300
tggaatatta tgtgtcatn aagaagctac tcgtgtatan tgnctctgat cgtctgngct 360
gcataacaga ttacctgtgt catataaggt gcacaataac tatatgcgnt gcgtgaatga 420
ncaaacgttc tctccagtct nttttcaaat cttctattcc atcacgactg aaccaaagg 480
aatgtacta gacgttctgt ctggcagcct tgttccatgc ttagcctttc antgattgcc 540
antatctttn atgatgctgg gccttngcct tnaccatggc tagaatgtta gantnatgaa 600
cnaananatg ccattttgat cctgctgcg ttcacctnan tatggngcct ggcaagcctt 660
taanaacntn atnactcagt gnaccaaagt aatgagtaaa cgaccttttn natcctttna 720

```

aggaantnaa ttngcctgnt tataggnaat ngttggancc naattccaac ttnggccaat 780
tggaacccc 789

<210> 4040
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 4040
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aggcagtctc ctgagccaga gtgtgctcag acagagtcca gctgggtggaa agggacttat 120
ggagagaaaa agaaaagcga tgtagaaaaa ttgaaaagag gtacagaaac agctggattg 180
gttacagctc ggtgttttgc ttattttgaa cagggtttga acagttggcc acctttggtt 240
gctcaaaact tgggtgattgg cacaagagta gggttacagtc tgtttgcaca tccatttagg 300
ttgcagttca ctgtgtacag agaaaccttt aggctgaact taaaacgtgt aaggagacag 360
ctttctgctt gatttaacag taacacgggt gtgtgttggg aggtagggag gtgggggctc 420
tttcttntnt nannntgnet ttttncacaa canttntgan gantnagctt gtnatgnatt 480
tngcgaactg nttntttntg tnattntaan cnngancnnn cnnnnnactn attttnanat 540
ttnanaaaaan tncatnnnnc nngcnnancc ttctttttnn tncctgncnaa tnnnnngnng 600
nctnnnnnac nnannatnng nntnntgnnc tgnntnngnt ttntttttnn aananntnt 660
ntnnggnnnn nnnnnnnnt nctnttttna annnnnnnn nngnnttnnc nnggnnnnna 720
annnnnnnnn nntnnnnnnt nnnnnnnnn nt 752

<210> 4041
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 4041
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tcagcccagc tcacggccct ggctgcccaa cagcaggccg caggggaagga ggagaagagc 120
aatggcagag agcaagattt gccgctggca gaggcagtac ggcccaaac gccaccggtt 180
gtaatcaaat ctcagcttaa aactcaagag gatgaggaag aaatttctac tagcccaggt 240
gtttctgagt ttgtcagtga tgccttcgat gcctgtaacc taaatcagga agatctaagg 300
aaagaaatgg agcaactagt gcttgacaaa aagcaagagg agacagccgt actggaagag 360
gattctgcag attgggaaaa agaactgcag caggaaacttc aagaatatga agtggtgaca 420
gaatctgaaa aacgagatga aaactgggat aaggaaatag agaaaatgct tcaagaggaa 480
aattagctgt tcctgaaata gaagaataat ccttaacagt ctgcaaactg acattaaatt 540
ctagatgttg acaattactg aatcagaagg catgaaagag tataatttta tgaaattcaa 600
aattattctt ttttcaagtt gaaacttgcc tcttctactt taaaaaagtn tntngaacca 660
gttacttcta ataatcagaa aggagatgtt ttatnggaca tttctttaat ataaagttag 720
agatgtcttc ttagcagtat ggctatcttt tgccacagaa cata 764

<210> 4042
<211> 757
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

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agcttctgtt	cccacttctc	ccagaatagc	ctaggatggg	caaccatgta	aaattcaata	180
aaaatccaac	cttctaacta	actcgtgggtg	ttggagagta	ttaagcattt	gaaaagttca	240
ggtagaattt	tcattccttt	tgagctcttt	cctagctgct	ttgctgtgat	atatctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	ttccaccac	tactacaact	420
gatccaagaa	aacaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagttgt	cttttttttt	aatgggttcc	tttcttcaag	540
gttatagtaa	agctttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagttttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tcccttttaa	ttgccctttt	aatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atttcattgg	aacttgggaa	acggcntgan	ggaatttt			757

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

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tcattttttca	ttttcgtttt	tgcagttgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgccc	tggcaatgag	atttcaacct	caaataaatg	ttctttttta	240
tgcaagatga	taaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanntt	300
aggataggtt	ctttgggtgt	catgggtgta	atctaattgc	catgatgcaa	gtggcagagt	360
anagaattag	tgcacagcaa	taattaaagt	gacataattg	caaaggaagc	ggttntagcc	420
cattatataa	taccttttaa	aggacagacg	catactcagg	tttattttac	ctgctgagct	480
tctgccttag	aagttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnngacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatggtta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaaggtgg	gaaggctgca	780
antgaac						787

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

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acgaggggga	aagtttttcag	ttgtattatn	agntggattc	tgactatttg	ccataactgt	120
attctataca	cttgctgaaa	acattgaatt	aggggaatact	gaatcatggc	tcctaagggg	180
aagacagggg	taggttcctg	gaagcctctg	gtcacaacat	tttcaccaac	tgatcaatag	240
ataaccttgt	tntgtttatg	tntgtgttta	gagacattta	atatatatng	ttgacttact	300
aacatcgaa	tcattggcca	tagcactata	acttacggct	gaacaaagct	tatcaagtct	360
tttctctata	aggcacatcc	caccttcttg	cacttaggag	cactagacgg	catttctcag	420
cactatacaa	ggggctattt	aaaacagaat	aatcacccac	aaaaagcaca	acaattcana	480
aaaannaaaa	gcnaaagtct	tananaacan	aacattgcat	aananttnan	aatcagnaaa	540
aanttncccc	tttaaacctn	taggggncgn	ttcccanngn	ccnancntna	tangatccat	600
tggtaanntt	gggacaancc	ncanttgaag	gcnnatgaaa	aaagctnntt	tngggaaatt	660
tggnatctnt	ngnttaattt	ggaacctttt	nacnnccttt	aaccnnttnc	cacntccntt	720
gnattnattn	nntnttnang	gttcangggg	aagggttttg	naagtntt		768

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

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gccagaagtg	aattcatctc	acaaaacatg	ttgactctag	actgggtgct	cctccagcta	120
ctactacccc	cattagtcac	ctagtaaaaa	atgacgacat	ttcatcacct	gcacatgaac	180
cgctttcccc	ccatttctta	atcatgaatt	nctgtgtctt	aaattattaa	tggttaagac	240
taggtctggc	agtaaattnc	tntctcctgg	atTTTTggcc	caactcgagt	atTTTTgaaa	300
aaccgacaca	gtatttttagg	ggagcccaaa	aaccatgatg	ggaaaaagaa	tgagctgggt	360
gtaaaggaag	aggggtggcag	agccccctctc	cagcagtgtc	cacagggact	tccccagggc	420
accaggcacc	atctggagac	ggnttttggtc	acactgggat	tgcggggagt	cacctagtgg	480
gtggaggggc	cagggatgtc	gctgaacacc	caaagtgcac	aggatggctg	cagtcoganca	540
tgtcaganaa	aggggtctggc	cccaaaagcc	actcgcgccg	gtggctgana	caancttgga	600
gcaagggaac	ccttttggtca	aggnccccan	gtttttttaag	ctaaaacgta	aancaggaac	660
cattcaagcc	aagaaggagt	tcccaggnac	gttttttttn	ttanggaatg	gaccctttaa	720
gaaaaattga	aaancatnnt	tacccatggg	gttnaaccct	catggaaatt	tccgggcca	780
attccaagtn	cctn					794

<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

ntgnntttta	atactngctc	tcgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agactgtgga	gagatctcag	ttttctctac	tgtaattgct	catattttga	atgctaagtt	120

ttcatcaacc	ataattttta	cgtgctctaa	tatgtttctt	cacagattca	tgccatgttc	180
agtttaaaaag	agtcctgttc	ttttaataca	ttatctttga	aatgcctctt	actgaggaat	240
gactaaactt	cttctgaaat	gtgctctctg	gattgaagtc	aagagtacat	gttgcaacaa	300
agataatcat	gacttttagt	attaagagac	aattaccaga	ttgagtgcta	cttanaaaaag	360
tttccctccc	tgtgcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggccatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tcctgtntcc	aaagaaattg	ggtcattgat	ttggcaatta	ccaaaaagtc	540
agtngtcaaaa	tatgaatgat	accgtgggtg	gcagtgaaca	atcaatttac	tnaagggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aatcatgcc	tgataggatg	660
tcttncttgn	ganggactga	aaataaagaa	tacctgaaat	ctggangatt	ttaagagggtg	720
gtgtgaatct	gttnaagaaa	ggtagaggaan				750

<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4047

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tgggaaatnng	gcncggggag	gaagcattca	catatnctag	aatantatga	cttggtatc	120
aacccttgc	cggctgnagc	tccccatnng	ctgtagtctt	gtatgtgcta	tacccaacct	180
anagcacggc	gccatgcctg	gctaatttat	ntcataact	ttctacagag	atgggggtctc	240
actatgttgc	ccatnctggg	cttnaactcc	tgncttcaag	tgatctncng	cctgagcctn	300
ccaaagtgtc	gcgattatan	acttnaancn	atcgacttgg	ctcaaactctt	ngttntaatt	360
ggncctttng	tcagaaagaa	tgtgccactc	tgaantttgt	tcnnatatt	gnntcttna	420
atcacttnna	acctattnta	cannnatntt	natttnctca	tgaaantgct	gggattatnn	480
acatnaccaa	atagtgttgc	gctcaaatat	tcgnttcaat	agnncttttn	atnncanaag	540
actntgccac	tnttgatttn	gnntcangng	tgtaagctt	agtancttgc	acttanctgg	600
aacctattat	ncnttttna	tttacttnna	tnncatcttn	ctaactnnaa	tntcnatctn	660
naatnnanct	ttntaatnnc	atctacnncc	ngnttttnna	attnncttga	tnactggnet	720
anttttancc	ggnnnttnta	aataacgnnc	nnaccnanat	ntntangcat	nnactcttcc	780
cntgtanttt	tctncaata	aatntnnccg	naanatacnn	nacc		824

<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4048

ttctaattgct	tggttctaat	ncntgggctc	tnganctttc	tgcaggatcc	cntngatncc	60
tataatctgg	gggtacagag	caagaagaag	tactttgact	ttgaggagat	tctggccttt	120
gtcaaccacc	actgggagct	cctgcagctt	ggcaagctca	ccagcaccac	agtgcagat	180
cgaggaccac	atctcctcaa	cgctctgaac	agttataaaa	gccgggttctt	ctgcggcaag	240
gagatcaaga	agaagaagtg	catcttccgc	ctgcgcctcc	gcgtcccacc	caaccgcga	300
gggaagctgc	tgcttgacaa	aggactgctg	ccaaatgaga	acagcgcttc	ctctgagctg	360
cgtaagagag	gaaagagcaa	gcctgggttg	ttgcctcacg	aattccagca	gcagaaaagg	420

cgagtttata	gaagaaaaag	atcaaagttt	ttgctggaag	atgetattct	ccgagcttcg	480
caatgccgct	aaggacgaca	agaagaagaa	ggacgctgga	aagtcggnca	agaaagacaa	540
agaccagtg	aacaaatccg	ggggcaaggc	caaaaagaag	aagtgggtcaa	aggcaaagtt	600
cgggacaagc	tcaataactt	tagtcttggt	tgacaaaagc	taccctatga	taaactcttg	660
taaggaagtt	tccaactatt	aacttataac	cccaacttgt	ggtctcttga	agagactgga	720
agattcgang	cttccttggc	caagggcagc	cctttaagga	ncttccttat	taaangann	779

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4049

ttccaanngg	ctnggttctn	atncttggcn	annaaaantn	ggtnggaatt	cggcacgagc	60
tttgcagcct	tttcctgccc	ttaaatttga	tacctttggt	gtaggagctg	cataagngac	120
agttgctgnt	tttacgttnn	cacgcgtgat	cttgacctg	ctagcctgaa	gtgtatgggt	180
tctcttagcc	agttctaatt	tttgttcagg	tggaagatgg	atgcctgaag	tgtagactgc	240
tgctagctga	ataccatntg	ggagcataaa	ggtgacctga	aggtagggng	atatgtctta	300
aagcactttg	taatgggaat	ttttatcacc	ttttaaattg	gggttccttc	tctagtgaat	360
tttaattgtca	gtagggtacat	tcngtantgt	tgctctgtct	gtagctatta	aggngagtta	420
ataaatggga	tagcctccac	agcttatatt	tggaaggtt	ttgctgatac	ttcctgagaa	480
gcccanggaa	ataaatacgc	atagtctggc	attctgcac	ttctttaaga	tttgttnta	540
tgtgtangta	attgagtttt	ttaaaagctt	gngaatacng	cangcatatt	accaaagttc	600
ttgattaaaa	tggtaatnnc	aanaaatntt	tnctgtctna	attgagtacn	tttaatttca	660
nctcttaaty	atggnccntc	ggtgnangga	ttttgaaaaa	ttccgaatct	ttcaccatng	720
aactttacct	aggaattcan	tttnganaat	tnnncatggn	naantcttgn	nnggantacc	780
tgaaccataa	atttcccnng	tcnng				805

<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4050

tccccttttg	aaccttgtcc	aatnagtctn	ggttctaate	ncttntcnan	nagnnaggng	60
ntgggaattc	ggcacgagta	ttagtataaa	gtatatatgg	acatcttttg	gaacaaagat	120
aactaacaaa	agacaagaat	tttcaagaag	gaaaacaaag	aaaaaaaggt	aatcagggta	180
tgttacatag	nttanctgct	tatagtnttt	ctttggttct	gctcatggaa	acacaatgac	240
tatcaatcta	agtaagacta	taatataatta	gaaggatggg	tgatgagaag	tgtgaagtgt	300
tgcaaaggta	aatccttata	ttccgctatg	aagtatcaat	aagcaatgcc	caaaaaaatg	360
aactattaag	aagtaactgt	aaagttatat	catttanaga	tagagtggag	tatagcaaata	420
gaatcagcta	aaatatnttn	aaaatgggta	ccctctgggg	agtgggaagat	acatgtatgt	480
attnggggtg	ggggatgcac	tgcaatgaga	tttctttttt	ttaatccttg	tggtactact	540
tagntctcta	aactatttgc	atctataact	ttgctaaaaa	taacntttta	atttncaaata	600
tgatcactct	tgtnatcagt	tcaaatngaa	acaaggagat	aacataattg	ctaagnttat	660
ttttggcata	ttnatcacnt	tgatatatgn	tcantgagaa	taccatgtta	cattcctctc	720

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntngnant 780
ncactttng 789

<210> 4051
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 4051
gcgtccccct tttgaaactc ttcaaactcc ttggtttnaa nccctttncg caggatccca 60
tcgattcgaa ttcggcacga gatttgcctt aatcttgggt tactagtaat gctatctgcg 120
ctgtgcgtct aaagcctcca gaaagattgc tcaggcatgg cctaatagct tttatcagtt 180
cactcagtggt ctcttacctt ttgatacctg aaacctagag ttaactgtgt aggaccaagc 240
tcttctgaag gagtcaactg ctctcctctg tcaataatgg ctgtttatgc caaacagcc 300
aagagaacct cccaccccc ttccctctgt caaagtgaag tggaacctaa gaatggaagc 360
tagtggtctat tttgccatac cccaaccaac ttgctattgc ttaattccat ctaattatca 420
gctgggctgc gtggctcatg cctgtaatcc catcactttg gtaggccgag gcaggaggat 480
cactagaggt caggagtttg agaacagcct ggccaacatg gtgaaacct gtctctaata 540
aagataaaaa aattagctgg gtatagtgtg ggggtgcctat aatcccagct actgggaggg 600
tgangcagga gagtgtcttg aacttggggg gcagcagctg cagtgcgtg agattgtgcc 660
cctgcactca aagtctgggc gacagantga gactctatct taaaaaaaaa aaaannaaaa 720
aaaactcgac ctntagaact atagtggagt cgtattacgt agatccnact gataggatcc 780
attgg 785

<210> 4052
<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 4052
agtctccctt ttaanccttt caaatccctt ggttcangcc tttagcgagg atcccatcga 60
ttcgaattcg gcacgagctt gagagaatag atctagatgg gtggggcacg gttctgggga 120
atggaagggc caaagaggaa agtgggcaat ggtggggttg agaacgcagc ttctggactc 180
agcaggcctg ggttcaaact ctgttaatca ctctgttaa tcccagcgct ttgggaagcc 240
aaggagggag gatcacttga ggccaggagt tcaagaccag cctgggcaac ataatgagat 300
tccatctcta caaaaaataa aaacaattag ccagggtgtg tggtgcacac ctgtagtcc 360
aggtacttgg aaggctgang caggagaatt gcttgagcct gngagtagtg agtcatgagt 420
gcagtggcac gatcatggct cacttgcagc cttgacttct naggcttagg tgacccccca 480
acctcatcct ccaggtggc tgaaactaca ggcacatgcc accatgcca agctgatttt 540
tttgtagaga cagggtctca ccatgttgcc aagctagtct acaaaagcat ctganttttg 600
gaagtacatg gaatttgttg taacaaaant atnttgaatg gaaatggctc tcantgtatt 660
tntggaattt tccattaaat aatttggctt ttttccttga aaaaacatan nntnctttn 720
tnntntnnat acttncctt tnnttantat tatanaatnt cnttcnagcc ctttnncaan 780
ttntcntgga nttnnttatt ncattttatc cct 813

<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

tttgaaatcc	ctgggtttcaa	ntccttgccg	aggatccctc	gattcgaatt	cggcacgagg	60
cgtccttcag	atatcaaatt	caagcctcta	aataagacca	aggagtatac	agcctgtgaa	120
ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaacccctgt	atccagttat	ctatgatagc	aatgggtgctg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aataactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagttaa	360
tattgtgaga	atcaatttac	ggtcgaagct	gctgaagtgg	tttttcctaa	tggaaaatca	420
catacctttc	cagaattagc	ttaccgaaaag	gagatgggtga	gagctgacct	aattaacaaa	480
aaagttggaa	tcagagaaaac	tcagaaaaat	cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag	tcataggtga	tgggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

agtctatanc	agctctgttc	tttttgcagg	atccatcgat	teganttgng	nacnangttn	60
gtgcttnacc	actgcttact	canggcccg	nctttgccc	catttntgca	nacnnaccc	120
ctancccg	agcctctggc	agacttaana	gcctgetgnc	ctcaccagng	nncnecatn	180
gccggnctga	gancnagtgn	ngagtcacag	nctcagnan	aatgccnaac	gcctcnanct	240
gntcctgaen	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccaganggga	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	atnecatgga	420
natttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngacnt	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccgctng	gctggngncc	accagcactg	gctaattgctn	tacggctnna	gtntctttgt	660
cagnntattn	aatggntatg	taaactttta	gaattaaant	gggnnctntt	gngnnngant	720
annttaacct	tacntntttc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)
 <223> n = A,T,C or G

<400> 4055

gttncctcca	tcagctcttg	ttctttttgc	aggatccctc	gattcgcttt	tttatagtga	60
tcacttttga	attgtgttca	gatatgcagt	ttcaggtgta	atcatcagag	ctgggttagtc	120
aggcattcca	gatagtgggt	cttttcagaa	cctttttaaa	aggggttggt	aactacctca	180
gtagcagagg	attgaactat	accctgtctg	tactgtacat	agaaaaatctt	tgtagataaaa	240
agcaaggctt	gntnaatatg	atatgagggt	aagatttttn	atanaccnan	tgtaacnttc	300
ttagnccctt	tagtttcaag	aggcttgcac	acttnttnat	naccantatn	acacgcctng	360
nnntttntcn	annnnnctnc	tgcacacaca	nacctntnt	tntctgtatt	tctgntncca	420
cannctnnnn	ctntctctt	accnncctn	ctnantnncc	nttncctccc	nnntccnccc	480
ccnccgacac	ttactnctnn	cctnccncc	nnccctcnnc	tnnnnnnnn	nnntntnccc	540
nncccnnnnn	nnctnnnact	atctnttccc	nnctanngtc	tnncttncnn	tcnantntnt	600
gcntcnncnn	ttctnttttn	ttcnntcatn	tencancnnc	ctgnnnccctn	nnccnnnnnc	660
tnnccnctnn	tnttnaccnn	ngnccctct	ctctttnngn	nctntcnnt	cntnctcnct	720
cnccnnntnn	ngctnnnnat	nctntntat	ntctcnnnnn	ntnnccnnt	cnctntcan	780
cntctgttcn	nnctctcann	tcactntac	tncnntntnn	cctnnnnnn	ncgcnncnt	840
ctctctnnan	nttcncant	nnntcnnnnn	anncncttg	atctnccatn	nnntctctnt	900
ncncatgntn	nnntcccn	attctntatn	nnnnngntt	acctnctntc	nnnatcnntc	960
nnnttacnnt	catcncccc	ctgntntecn	ntnccgnatn	tcnannccnn	tntcnccg	1017

<210> 4056
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4056

tntttanana	tacagctctt	ggttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcagaga	atcccttgta	gaaagggtgg	ggagaatcat	aggatattat	aactgtaagg	120
aacatgcaag	attttccaga	ttataccctt	gatagaatag	ataagttcct	taaggctcag	180
atcttgctta	aagtcgtcca	gcctgttaga	gacaagtaga	acacgaagct	ggcctctgga	240
gtctttattg	agtactttgt	acaattgggt	tagactggga	gagccctcct	cacttcccc	300
ttcttggtgt	gtaatttcc	gtggggcaga	acacctcaga	ggtttctgtg	catcaaaaata	360
agatgcagca	aagacatgga	aaaaggataa	cgagacanat	tccancanta	agtagatnag	420
gttgngtttt	ttataaaaaga	taacgaggca	ttccttccag	aaatgtggag	cctttgtaga	480
tttcagtga	taaaacccaa	ccatgatttc	ctgcagtgat	cacagagcag	agangggaga	540
aagccctttt	atcacnaacc	ancaggaagt	ctctgtaaaa	tnggtaagga	ttctggttta	600
ntgtgaagaa	ccccattttt	gngtatgttc	tgggccctgg	gaaggacaga	tcataattga	660
cntcanaata	aatgatcagg	ccagcatggg	ggttactctg	aatcctaccc	tttgggaagct	720
taagtggagg	attgcttanc	ccanant				747

<210> 4057
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 4057

ngtattcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
atagaaacag	tgttgtaaat	aagagagtct	cagattatca	aatgaaactt	attttaaacc	120
atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaagg	gtaatgtaaa	ggctatttgt	atctaacact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtcctgtgc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgtcttttgt	tatgtaacac	atgtaatttt	tttacaacaa	atgnggntaa	tgctatacca	600
taatctacta	caactttgaa	ngggtttccc	ccgtgggttg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgttngtt	aaattccatt	taaccaactt	720
ccntggaaan	ttcccatctt	ttgaaatggn	cccattaant	tatttaaatt	antttccctc	780
ttggggagg						788

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4058

gtnagataca	gctctgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagatgag	60
gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	natcttggn	tataggagaa	cagggggaga	ctngattgat	taggttggn	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcatagagta	tnggnnctct	tnatcccagg	agattcccaa	tggggncagt	300
atctactgnc	cttnnnngaga	gaccatgctn	ngctgtctnt	tttanggnna	atcannaatt	360
tagtggtcgc	ccctncaatc	ttcattccac	tcatecntac	cctnttggca	ttcttaattgt	420
natttgtggc	cctgtcctta	tcattttaca	agggtaaatt	ntcntccaga	tatangaaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntcntggtnn	540
caannggagg	ttnacaaagg	gctagcgctn	taaaaccact	ctncttnttt	nccggaagat	600
tgccnntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgcacntgtc	aactngnngn	gaaatgtcnt	ggatacaang	720
tgtnatgggg	ntgaatttna	acgggacnca	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgagccat	cngtgnctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaataaac	tagagggcct	ctctgaaactg	180
ccngcctnat	gagaangact	gtgannagta	nccngnccaa	nacagactga	ctgtgacaaa	240

nctagananc	attacaggtt	tctgagaaag	aangaaggtt	caagttcaca	ttgggtactgt	300
gaccacgnca	gctcattgcc	ctcctanaen	gggctctgca	agctttctnt	ttactggagg	360
ctgnactact	ctttnaagct	gnaacagtgt	gattataanc	ccnnantngg	cccccttga	420
cancatcttt	acaataatgc	tcttggttcc	tcaaccngct	ggtgactctg	aaagctgatg	480
nngacgggnt	gccaaaantc	atnatatann	cagcctncna	aangcngtga	tctctncatg	540
anctcatgna	nccttaaaen	cgtgcttgcc	cnttntttta	cacnttaac	aatnttgaca	600
tncacctnna	tgcctntngc	gaantcaaen	ncccgtagt	ccaggcttga	aaangaaaca	660
cccgttntag	gttgggacct	ttccacaagn	tcctnatgcn	ggggnaanaa	caatgnnttc	720
attgnnnnga	naatnctgca	atcccatgg	nttttanttn	gtnccttttc	aaacgcgngc	780
cttttaana	tngttgnaa	cccc				804

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4060

ttntcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagcccagc	60
cataatggag	cctgaaatca	ggaattcatg	tttcaagggt	acatgtacaa	atgtatgccc	120
tctcagaaca	atggccattt	tgagaaagcc	agtgaagagc	agccagacca	ggctcctctg	180
cctagcacc	accagtgcct	gccagctcag	cccaagtctc	ctcacctagg	atagcttgat	240
ggaataacaa	tgtattttta	ttttctgtag	acctaaaact	gctcttaaaa	agtctatttt	300
aaaaatccat	cattaaaaca	cagactttct	ccataataag	aagttggagg	ggctgggcac	360
ggtggctcgc	acctgtaatc	ccagtacttt	gggaggccga	ggcagatgga	tcacgaggtc	420
aggagctcga	gaccatcctg	gccaacatgg	tgaaaccccg	tctctactaa	aaatacaaaa	480
attagctggg	tatgggtggc	cacgcctata	gtcccagcta	tttgggaggc	tgaggcagga	540
gaattgcttg	agcctggaag	gtggaagttg	cantgagccg	agatcgtgcc	actgnacttt	600
tagcctggcg	acaaantgag	actccgtctn	aaaaaaaaaa	aaaaaaactc	gnccttttag	660
actatagnga	gtcgtattcg	tagatccagc	atgataggat	ccttgatgaa	tttggacaac	720
cacacttgat	gccgtgaaaa	aatgcttntt				750

<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4061

anaannngtc	aatgctggct	actcgnctnt	ctgcaggatc	ccatgcgatt	cgcttgaacc	60
tgggaggcan	agggtgtggn	gaantcaaga	tcangccact	gcactccagn	ctgggtgacn	120
ngagcagnga	ctccatctca	agaaanaagt	nantaacnaa	tnnttcngn	atgtgatgac	180
tgactntagt	cnttatggaa	aataacttcn	ggcagctnag	tanctactgg	tcancaattc	240
cgntgtntaa	gagangtnct	acantcnant	nctcaatatt	ntcagnctga	tttcaatacn	300
gacacgcnac	cactgaaatg	cngaaagatg	gnaatcanag	tgtgatgttn	ntatnnaant	360
ctcgagattc	acatgtaatn	agacccttta	ncttnaatga	tcacnacatn	anaatggnga	420
catgatctta	acttgggaac	atatggantn	tgtatttggn	aattntagnn	tcacanaent	480
atccctatga	ntngnacacn	catgnctgaa	atctaagctt	tanaatattn	nctntgtcag	540

tnaaacagca	tgnttncatg	cnnactgaan	ctaanntccc	aatnaantg	ntcatttttg	600
gatngnnngn	ancacattgt	naaccaattc	gttgncaact	tntgnntanc	aaatnnnnna	660
ccatanctcn	nntggnaaccn	atggaaggga	tnnnatnnna	ncaanaancc	ttnggnnecc	720
ntctangnnc	ctnttngtag	angncncaan	ttcccnctcn	tgnnccanga	catggnnenn	780
ggantacccc	ttcattaatt	ttggctnnta	tancctcaan	anttgaatt	ccnnnnncna	840
naaattnnnc	t					851

<210> 4062

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4062

ngnnttnatc	agctcttggt	cttttgcagg	atccctcgat	tcgaattcgg	cacgagcttc	60
cttgataat	actgatcatt	ctatttttagc	ggtaagaacc	caagaaggag	tatggatacc	120
tgtaaagctt	tctggctcct	gggaagcctc	tccttctgtg	catattatta	ctgaaattct	180
tcaaaagatt	ctgagatgct	ctcagtgttt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgccgcggc	agctggagtt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatatggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgatttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaattt	acttttagata	ttatgcaact	gaaggacaaa	600
tatttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaattg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagnag	tcgtattcgt	aa		762

<210> 4063

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4063

gtttatncag	ctctgttctt	ttgcaggacc	ctcgattcga	attcggcacg	aggtcagagg	60
tcaacaatga	gtatgtggca	ataacaggat	tcaaaccacg	atctgttagc	ttccaaagtc	120
cttgggtctta	catgctaccc	actagtctct	tggagggggc	tccggaccat	ggaggtcaca	180
caccagtgtc	ccgagtgtgg	tcctcacagc	acctgcatca	acatgagggt	gggatttgat	240
taaaagtggg	tttctggggc	caccacacatt	ctgaatctaa	agttctgggt	gtggtttttag	300
gaacctgtgc	ttttaacaag	tacctttagt	gatttatata	cttactaaac	acttgagaat	360
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	420
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	480
aaatacgcat	ctcttctcct	ttgtctcagc	ccttgctgtt	taaatctaga	cccttacatt	540
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	600
tttcttgact	ttcactgcct	tttacaagtt	tgcattttct	gctcattttt	agaagatcct	660
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaaa	attaagccct	ttagaactat	720
agtgagtcgg	tattacgtag	atccagacat	gataggatt			759

<210> 4064
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4064
gntttnnnca gctcttgtct ttttgcagga tccctcgatt cgaattcggc acgagattct 60
cccaaaaagg ttcacccga gaacactgaa gaataatttt tgggaatgtt aatgatgtgc 120
cacaaaatta gtattttatg atcaaatgaa tttgctttat aatattttat cttaaatttc 180
atgtctctga agactcacia aataaaggaa actttatcca gctttttcca gaatttactt 240
gcacatagac tccatttata tagcatgcct attgaactct gtaaatagtg cagttcagga 300
aagatagcag tgtgggaaat gtcactctaa tggtcataata cgtttatccc atgggagggt 360
aaagcatata ggtgagagga gagtgatcgc cctggggaac tgaatgaga aaggattgat 420
ggctgtttca gttgttgttt tcctgtccct ggctgctggc atgggggcaa gggggagggt 480
gaggctcagg tcttagagaa cagaacattg catttcactt cacagtcagc aaagagaaag 540
ccaggcaagc acccagaagt cagtgcacca gtggagtcac aaaagactat taattcttnc 600
cacattgaat tgtgacacac aggaagctca ttacagactg agtgccctga gtttttattt 660
ggggctagtc atgtaggtcc ctttggctcc atgcccccca attccagact tccagaaaga 720
aagccagaat tcaaccttaa ctggcttggt tggtcnaacc a 761

<210> 4065
<211> 782
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 4065
ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccagaaata cacaattttac 60
atgtcagagg atggtagagg aattgtcact tatgcttcag tctgacttag tgaagcagtg 120
gggccgagaa agcaatcata tacgcatttg tctcacatga gcagaggaac agagggatga 180
ctttaagttc tgtctgtttt ttgtccacaa ggaattttct tgtgggcaa ttgtgaggtc 240
ttttagtcta tcttatttta ggaataaaat gggaggcagg tttgcttgat gtagtccca 300
gcttgacctc ccttttcctt agtgattttt ggttcccaag atttattttc ttttcacaga 360
ataaattgtc tttcagacct agagagcatc acagtcacat tcagaaagggt gtccaaatgt 420
aaatcacact ttcacataga attacagcta tattaacaaa ttttttcttc cattgncttc 480
atgtgtaata tataaaaaac ttaagctttt aaaaaactaa agttgaatta tggncctaaa 540
aatgatggtc aatcttatct tcaactggcag gatatagacc atttgntcgg ataattttta 600
gtaagttgct atacagtttt angccttct agntattatt tgggtgggta nttctcttac 660
tttccctggg nccagttttt accattggga accccccct taatngncca ccntnttttn 720
cccccccan aaanccann cnntttaag ggggggaaat ggcccctnat taannccnng 780
gg 782

<210> 4066
<211> 576
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066
 gnntnanntt cantatanat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggctggtgt tagggttctt tgtttttggg gtttggcaga gatgtgttta 120
 agtgctgtgg ccagaagcgg ggggaggggg tttggtggaa attttttggt atgatgtctg 180
 tgtggaaagc ggctgtgcag acnttcaatt gttattaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaaanaaaaa aaaaaaaaaa aaacntcggc nttaaant ttaggnngtc 300
 gtnttacnta antcngacn tnatannatc cnttgtnaat tttggncaan ccncacctna 360
 atgcatggaa aaaantgctt tatttgnnaa atttngatn ctatncttta ttngnancct 420
 ttntaanctg caataancaa gttancaaca ncaattgcat tcatttnatg ttccagggtc 480
 aggggnaggt ntggnaggtt ttttaattcg cggccgcggc nccaatgcnt tggncgccgn 540
 ncccantttt gttcccttta ntgagggtta attgcc 576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067
 nngnnnnntt tttanancag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
 cactgagactg aatgggctgt atctggggaa tcaagggtatt aggggttgagc aaaagcaaga 120
 ggaagtagag catttgatct cttttccttt gattagggtg aggacaataa agtctcattc 180
 tctcccttnt tcccatgggc agccttatat atgattgaag aacattantg cananattcc 240
 tcatccnnaa ataaactctn gtacttntat actaatataa gattcatgtn aattactaan 300
 ttcttggaag actatggaga actctgtggg ggctgtgnatt cacactttan tatgaattgg 360
 nttaatgacn actgtnatat tggctacata aagaaatgga cgtttttatt tgggggttagg 420
 ggatcacaga tgtggactgg cttaggtaga atgggtccctg agcnaaggag atattgaagn 480
 ttatgaggat gtgcaagata agcagattta cttttgcatt ttattttggg ctatctcagc 540
 ttcttttact agaagctcat gcctataatc ccagcacctt gngaggccaa ggcaggagga 600
 ttgctttgaa gccaggggtt cgagatcann ctgggcacaa anccagaccc tgactntcca 660
 aggangattc aaagatttct gatggngaaa acctcggcct ntaaactatt ggggtcggtt 720
 acgngnatcc nganatgata anancatttt ngagtttggc caaacccac n 771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnncngn ancancactc gnnagnaaag cccttccan cgactcgaat 60
 tcggcacagag ccaccctggt gtcctcctc ctccctggta ccctgactac caggaagtnt 120
 tgtgctagag cagctggaga agtgcaggca gcctgtgctt ccacagatgg ggggtgctgct 180

gcaacaaggc	tttcaatgtg	cccatcttag	gtgggagaag	ctagatcctg	tgcagcagcc	240
tggtaagtcc	tgaggagggt	ccattgctct	tectgtctgt	gtcctttgct	tctcaacggt	300
ggctcgtct	acagtctaga	gcacatgcag	ctaacttggt	cctctgctta	tgcagtaggg	360
ttaaattaac	aaccataacc	ttcatttgaa	gttcaaaggt	gtattcagga	tcctcaaagc	420
attttaacct	tgccgcttaa	aacccaattt	accgtgaaat	gggaattttg	ctgcattggt	480
aaactgtagt	ggaaaccatg	ctatagtaat	aaagggtata	taagagagaa	attgaaatta	540
aatgtgtttt	taaatttcaa	aaaaaaatca	atcttttaga	tgactnaaaa	attgatttgc	600
catgtaaaat	gtatctgcat	tttttacaca	aaacttgntt	taaagcataa	aaattttaaaa	660
ctgnnctctt	ggatgtatta	tacattttga	accatatgta	ttaaaccata	aacagtntaa	720
tgggtgtata	ataaaacagg	cattaatttn	ttaataaaaa	aaaaaaaaaa	actcggcctt	780
taaactt						787

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4069

ngnnntntna	tancagctct	ngttntttat	gcaggatccc	atcgattcga	attcggcacg	60
aggtccatta	caccgccagc	agcaatgtct	tcctcggcca	tggcagtggt	tcacgggtgc	120
agcagtgcaa	tgtcttcctc	agccacgggt	gtgggtcatg	ggtgcagcag	tgcaagacct	180
tcctcagcca	tggcagtggt	tcacaggtgt	agcagtacaa	tgcttcctct	ggctatggcg	240
gtgggtcacg	gacgcagctg	aatcttgaac	acacctgagc	ctctgcctcc	acgtgacttg	300
gcggtagcaa	ggaatgaaca	cagttatctt	tttaaccaa	atcttagatc	atgatctcgc	360
tgtactcggt	gacagtattc	aggtacttgt	tgaagaatta	atctctgctc	ttctctgaag	420
tctgatttaa	tcacccctct	cagctgccag	tgaaattggg	ggtcacccat	cgcacctcgg	480
atgtggctgg	ctgtggctct	tctgaaaagt	ttctttcttc	tgcttggttt	ccatatttag	540
ggggaaatca	gcaagattct	agagtatgta	tgtgggctgg	gtgcaagtgg	ctcatgccta	600
taatnccagc	actctgggag	gcttaagcgg	gtggatcacc	cnangccngg	aatttgagga	660
acagtgtggg	gcaacatant	gagaccttgt	ctnttccaaa	ttaaataant	taattnnnncn	720
gggaaannnn	nnnnnngnnnn	ntnnnnnnnn	nnnnnnnnnn	ntnnnnnnnn	nnnnnnnnnn	780
nnnnnnntna	nntanaact					799

<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4070

ggnnntttta	tcagctcttg	ttttnttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
atatgcttta	gaattaaggt	gagtggtatt	atctctagtt	tgagacaaag	agaagcgaag	120
taacaaaagg	ccacataagt	gataaatagt	ggacctggag	tttaaacctg	ggatccccac	180
ctaaatcaga	aatacaaaat	caaccacttt	tttgatgata	cagggtctat	gtatatattat	240
tacatgtatg	tatatatgta	tatatatatg	catgtgtata	tatgtacata	catacatata	300
gatgtgcttg	tactagtgtt	tttcccacca	gatagttagc	ctttcttctc	cccttgctca	360
cttttttttt	tttttttttg	agatgaagtc	tcactcttgt	cccccaggct	agagtggaat	420

ggcagcatct	cggctcactg	taacctccgc	ctcctggggt	caagtgattc	tctgcctca	480
gcctcccagag	tagctgggat	tacaggtacc	tgccaccacg	cctggctaata	ttttgtat	540
tcaatagaga	caggggtttca	ccatgttggc	caggatgggc	ttgaactcct	gcctcagggg	600
gattccaccg	ctcgcgntc	ccaaagtgt	gggattacag	gcattgancca	ctgnaccac	660
ccaaggggna	aaacttttat	ttagaaaaa	cttaactttc	actcgttaga	aaaacnggt	720
ttgaataatc	taatttttaa	aaatgcatta	actatgtctt	atnttggtcn	acacatttta	780
attgn						785

<210> 4071

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4071

ttnaaccagc	tcttgtcttt	gcggtatccct	cgattcgaat	tcggcacgag	gaggaagtga	60
gattgtgcat	gacatacttc	tcctttgtat	tctctcagtg	ccttacagca	ggttactcca	120
ttctgctatg	acaacttggt	tcaaagtgtta	atctacatag	gattttttat	aagccattaa	180
ggcatatgta	tagtatatca	gtaaagatgg	atgggtgcata	tataaatagt	cttctgtaat	240
agtgattgga	tttacttctc	aattatgaga	gacaaaaatt	atccctcac	ctgtctctat	300
tctttcaaca	ggttgatccc	ttttcatgat	ttttcattag	gtgggttcagg	aagtttccat	360
attacagcgc	ttcagactgt	atatgttagt	ttaaaaatca	ctttctctc	tctcaacttc	420
tttctttttt	ttttgaagac	ttaattttaa	aaatttggt	tgttagatcc	gtatcataga	480
tttggcctag	cctcttctgt	taacctagtc	cacagatgag	cgaatctggt	tagttgaagg	540
acattgtgat	ttgactctgg	tcacgcgagg	aagtagaagg	gcaaagacag	gaccggcagt	600
ttacatttcc	agtgggttaa	cctcacggga	ctttgggacc	tgcttggtaa	ctttttgggg	660
gtgggtctgga	ggccaatcta	acctggacca	ttttctggnc	ccctcaaca	gagagaggga	720
aagcaacctt	gggccaatga	ggagtaaaaa	taaccttggt	ctttcagaga	tttgaagaat	780
agaagaactt	ct					792

<210> 4072

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4072

tggnatctat	gctggctctc	gttcttttgc	aggatccctc	gattcgaatt	cggcacgagc	60
acacttgagag	ctcatacaaa	ctttttccca	ggctattgtc	tgttcttcaa	gcccattcac	120
ctccccataa	aatcatgtat	tcttcctcaa	aaattgncta	ttatcttcca	cttccctttc	180
ccccatgaaa	agtgttgagg	cttattctga	gccaatatga	gtgaccatgg	cctgagaacc	240
caatatgagt	gaccatggcc	tgagaaccat	ctcaagagct	ccttcaacag	ttgtgactga	300
gcttgtcang	ttgcagtttg	gttttatata	ttctaggagg	acaggaatta	taggtaaaat	360
cataaatcta	tatntagaan	gtntacattg	gttcagccta	aaggggtggg	atatcttgaa	420
ggcanggtgg	aggggatgct	tacagatcat	angnnaattc	aaagattttc	tgattggcag	480
ttggntgaaa	gagttaagtt	ttgtctaaan	acttgaagtc	antagaaaca	aaaatgcttg	540
agtaaagata	aggggggtng	cgagggccaa	ngtttttggt	atgttnnatga	agcttcatag	600
atcacagnct	tnngagagna	tagaagataa	atgtctcttt	tcagacttta	aaagggttcag	660

actctcaggt	taatctcttc	tagatccang	aaaagcctcc	aaaagaaaag	gcctgactcc	720
cattaatggg	ggattcttnt	tacaanaatg	caaaatttnc	ccccacaaaa	nnatggcttt	780
tnccagaacc	ccattttcaaa	at				802

<210> 4073
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (887)
 <223> n = A,T,C or G

<400> 4073						
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ttaaataagcc	cttgatgact	tttcatgtgg	catgagaggg	atatgcttat	aaagcttaat	120
tctgatatta	tcctcttact	acctacagta	tgttttgcaa	aaatcagtcc	acttagcaaa	180
ctaactctttg	taaagcagtc	agtttcagaa	gatacttttt	atcaaaaaag	atggcagggt	240
taacattata	cctttttgggt	tttgcccaac	atttgattta	atctaaagca	agaatataaa	300
ataattttaa	gaagcatata	atttcttttg	ataaaaagta	acaaaaattt	aatgcagatc	360
aaagaccaag	gcttgtaacc	aaaacaagca	aaaagaaact	ttagctgttt	aactatcacc	420
tctctaattt	aaaatgcatg	aaaattaata	ctttgttttt	gttttttttt	ggaaacagtc	480
tcactctgtc	acccaggctg	gaggtcgcag	tgagctgaga	tcctgccact	gactccaacc	540
tgggggtaac	agagcgagac	tctgtcttca	aaaaaaaaaa	aaaggtgtna	tttggaatg	600
gaaaatctan	ggtaaaggga	agctttnaaa	aatgttggtg	ttttttttcc	ctggnaaata	660
aaaccttttt	attggaattt	aaatggncct	ttgggnaaaa	aaggaaacntc	caccattgga	720
aaaaaggng	ggcctttttt	tatttntttt	tggggtaggg	ggaatnaaaa	aacccccctt	780
tgggccccnt	tttnaaatan	ccccnttngn	cccaaaattt	ggaaaagccc	aatttttttt	840
ttaaaatgga	anggggttta	ccctgggnaa	atttggggtt	taaaann		887

<210> 4074
 <211> 851
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (851)
 <223> n = A,T,C or G

<400> 4074						
ggnnnnnnncg	nnnathtag	ccagctcttg	ttnttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	agtatttgct	ggtgcattgg	agagtttcac	gtaattcttg	tgcagattca	120
gcaagagagt	ttgccggcat	gctttgcaca	gcccctggta	cccagtaagg	cgattattag	180
cattgggtgct	tgctggaatc	agatattcca	gaatattctg	tcacagctca	tcgntgccct	240
cttcttttct	gtgggtaaac	tgaggcagaa	actcaggctg	ggtggaactc	tgcagcctca	300
gctggagacc	tcgtctggcc	aaggactgtg	gggacacagg	ccctntaggc	tgccacctca	360
tggtcccagc	atgagggcac	cagaactgca	cagaaagtct	cactacccaa	gtgtctgagc	420
caggccagac	tgtgctagcc	agacctgccc	gggggttcatt	cactgacctt	tattgagcac	480
ctactgtatg	cccagcccca	aacctggctc	tgctcatgga	aaagaacttc	agtggaaaca	540
ggtcctggga	tgaacaangg	cctggcctgg	cctgggtgatg	ccactatttc	tttaaagagg	600
gagagtggac	aattcccggg	tttattgtca	gggggggaggt	cttcattttc	ttgctggtnn	660
taaccanaaa	taccacaag	acttgggggtc	nttttttagaa	aaccatttag	aaaactngan	720
ttttcgtacc	ttgtttctag	aagggttggg	gaaagtcccc	nngaatacaag	ggtggccnag	780
ccagggntnt	gggttgtcct	gngaggggccc	cactanattt	gggnttccaa	agaanggggc	840

ccccctccttt t

851

<210> 4075
<211> 836
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

<400> 4075
tatnncagct ctccgttcttt tgcaggatcc catcgattcg tcttgactga ggttcccatc 60
tttcttantt ctcttaagga tgtgctattc tattctagat gcataggagg gaagntaatc 120
cagncttaga tcancagggc tnggttcttt ctcagaacca taccnnaaaa agcctnanta 180
gaatttttagg aaagtctctat ttagaaagaa actaagaatt atgattaagt tttggcctaa 240
gcaacttaat angcagnggt atcattttatt gngaagcaaa tnacataaga agcangttnt 300
ggggcttggg aggaggttaag ggcnagaaagt tngntattnt tttttaaacn tgtntaatnt 360
gagacacctg ctagatatcc tantnaaatg tcatagacac ntnaatggtn cacaactttg 420
aaactcagag agaggtcann gctggatata aacagntggg agtcaancnt attttatatt 480
atttaaatec anaagactgg atacggcaag ttnggagggg gtttcaatgg anaancaaaa 540
tttttgactc tngggcactt aaacatttaa agntctgata aataggagag ggcccancaa 600
agggaaattt gaaagaacca atcatttacg gtanggagga aaaaacttag aagggggata 660
aatatcttca aaaaatcaaa aaaattaatt ggcntttttc aaagaaaaat nnaggnggnt 720
tancctctg tggtttaaaag gngnggttaa agtattcacc ttggaanaaa nanggttcaa 780
angggcaaag aaggcccaan ngggggccct ttttttaaag naaacttttt tcccn 836

<210> 4076
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

<400> 4076
nnntnttttn antacacgct ctngttcttt ttgcaggatc ccacgattc gaattcggca 60
cgagcnaagc tgtttttatan attanggaga ngagttagga gagaggaata ggatagacna 120
aggtngagat agggancact ggagaagaan acctcanagt gaggcacagg aagaggtgtg 180
aangggaaaa gaagtggcan atgtnacgga agagccctg nccatgagag anantggngg 240
gantggnaag gaagggaagt tatggggcat gggnacata gcacacaaca cnacagtaag 300
gctagagata tnaaanaaac aatgattctg agctncataa gtagcnatct cncgcttaat 360
agacataggg ngtnactgtg acatggcgtt anctacagna ctggacatna tcaccctttt 420
ntaggggaagg agggatgcct gcagnggcct aactccanca ngttatcatg tgctatggaa 480
gtnctgnnca caatggnggc cnccantcat gtgtccaacn ttaaataagn ctgtcgtngc 540
tnaggaccta nnntgnaatc ttaattttcat tttaaaatnt aaatnttccg naatggangc 600
tcaaggctng cttctttttt ggaaagtgtc ngaactgaat tgaaaccggn ttnnaaaaaa 660
aggattagta ncccttggtt tttcccttg tncgggggca ttaaagtntt tttaanccct 720
gggaccntc cccggtnggg nccntttna aaacnccaa aatccattg gccccattg 780
nattttttta aaacaatttt tnaangntag naantntttt gaaaaaaaat tgggaatttg 840
gggggncccn nt 852

<210> 4077

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

<400> 4077

cgnnnnnnnn	tnnnanggct	ttgccactaa	ctgaaaccct	ttgnacccan	cganncgaat	60
tcggcagcag	gttgaaggta	tgtgtcantt	ttaaccaggt	gttgagttat	ttgatntttc	120
ctncanagat	tatttaatag	tttcaataat	atctaataat	gtgtgggaaa	cgtataaatt	180
tttcatacaa	actgggacaa	atgaacatgc	atactattaa	aanactncct	acaatacggc	240
ataaaaanggg	ctttcttagg	ngaaccagga	ggtatagnca	gcctaatacat	nngctatgan	300
tatttagtnat	ggnaggctgt	gttttatcac	tcatatatgg	aaatcttttt	tgaatgacta	360
ctctggaaat	gacgactgaa	tctcactactg	tgtacacacn	tnatcanagg	acacttaatt	420
gnattnnanna	anatannntt	gaacttacct	tgngttagag	ggncagagag	gttcatnatc	480
canaaaaaatt	atnatgtggg	gctttnttcc	tttgggaaan	tgaccgntca	cacnncaggg	540
catgtgtttc	ttctnatacc	ttcaccccan	ggggcncctt	ctcttttnana	aaaannnggn	600
gncatgaaan	ntntatnatt	cttnccectn	cccnagtncn	ttgntnttgc	ttaaggnnntc	660
nnccnnantg	ncaaggtnna	naaanngaaa	aaaagaatnn	tgggnaaagg	caattntcac	720
aaacttntaa	aaagccggnn	atcntttgnt	ntngggtaaa	nctccccnnn	cctantttta	780
anatnntnnn	cnnctccggg	gggggatatt	nnnnngggcn	ntntaanncn	nnnnnanann	840
nnaagngatn	ggnggngccc	aannccaacg	anntntttnt	aaaanagngt	aaaagcn	897

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4078

ngnnnnnttg	gatancagct	acnggtnaat	ttacttcttg	caacgncccg	aatncggcac	60
gagggttaggt	tggacacaga	aggggcaatc	aaatttctgt	attcagatac	cttttaaagg	120
tacactgtgc	caccttgctg	cctttgattg	caaatacaaa	gttaattttc	aaaaaggaaa	180
aacaaaacag	ctctttttcc	taaaacacat	gttgacttct	agacctaaaa	ttctaagtct	240
tatttgtttc	tcacccatga	gttagattta	ggtaatagta	ttagtagagt	ccttagagaa	300
tcttaagagg	tcatttactc	cacctctttc	attttaaatt	ggggatatcca	aagcctgaag	360
aggtggcctg	gccaatattg	accaagggtat	aactaaatat	gagctagcat	cttcttcctt	420
cttctcgcta	tcccttggtt	ttaaaagatt	tagtacatga	agaataatgc	attagcaaaa	480
agctcctagt	ttgtgtttcc	cctttgtgtc	tccctgttgg	ctttctgaga	caacctgaat	540
tttgccaaca	aaatatcgca	gagggattta	tattaattat	tttttagtta	gatgaatatt	600
atattcttcc	catccaaagt	gagtgatttg	ctaggttttg	ttagggaggg	aaaaagcaag	660
aataatgtga	gaagaatcta	aatgcgaagt	tgattttgtg	tggnaaactg	gttattagtt	720
ccatcaggaa	tttctgnttt	tattttttga	gctattgaga	agtgcacgca	gatttgaaaa	780
attagg						786

<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079

ggnnnnntnn	nnnnntnta	tnnnagctac	ttgtttctttt	tgcagggatc	ccatcgattc	60
gaattcggca	cgagggcagc	agcagcagca	gcagcagtg	tggaaacgagg	aggtggagaa	120
ttgagagcac	gatgcataca	caggtgtttc	tgagtagtaa	ttagatcgct	gtgaaggaaa	180
aagcacacct	ttgagttttc	acctgtgaac	actatagcgc	tgagagagac	agtctgaaag	240
cagaggaaga	catcgatcag	taacaccaag	agacaccaa	gttgaaagt	ttgttttctt	300
tccctctgtt	ttatttttcc	cccggtgtgtc	cctactatgg	tcagaaagcc	tggtgtgtcc	360
accatctcca	aaggagggtta	cctgcaggga	aatgttaacg	ggaggctgcc	ttccctgggc	420
aacaaggagc	cacctgggca	ggagaaagt	cagctgaaga	ggaaagtcac	tttactgagg	480
ggagtctcca	ttatcattgg	caccatcatt	ggagcaggaa	tcttcattct	tcctaagggc	540
gtgctccaaa	acacgggcag	cgtgggcatg	tcttttgacc	atctggacgg	tggtgtgggt	600
cctgtcacta	tttggagctt	tgtcttatgc	tgaattggga	acaactataa	agaaatctgg	660
aggtcattac	acatatattt	tgggaagtct	tttgggtccat	taccagcttt	ttgtaccaat	720
ctnggggtgn	actnctcata	atacgccctg	cagctactgn	tgngatatnc	ctggcatttg	780
gaaccctacc	atttttggaa					800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080

tnnnnnntttt	anancagctc	ttgtttctttt	tgcaggatcc	catcgattcg	aattogggcac	60
gagcttgctt	gaaatacaga	atgtccagat	ctactgagtc	agaattttaca	ttttcaaaaag	120
cttcctacgt	gactcatgca	tattaaagt	tgggaagcac	tgacttagat	taccttttga	180
gaattccaga	tgggtcagaa	accagacaga	aatactcagt	agtgagaagc	tatgggtgtat	240
cagaagctgt	taggcatttc	atggtttggg	agtgagcaag	acagatagtt	ttcctgtatt	300
cagcgactta	gtctagagag	agacaggatg	gaattaagt	tttaggtgct	agccaaaagt	360
aaagattcgt	agaaaacaag	ggttcatatc	ccagtcatca	aagtgataaa	ttttccctgc	420
ttaacattta	gattaaaaag	taataattag	gccagggtgt	gtggctcaca	cctgtaatcc	480
cagcactttt	ggaggctgag	gtggacagat	cacttgagct	caggaattcg	agaccagcct	540
gggcaacatg	gtgaaacccc	atctntacaa	aaaataccaa	agtcnggcac	ggttggttgt	600
gtgtgcctgt	ggttcagct	acaccggang	cagangcagg	agaatcactt	gagcctggga	660
ngcaaangtt	gcaatgagcc	aanattgggt	ctttggactc	tagccctggg	cgacanggag	720
tgaacagtc	ttcaaaaaaa	aaagcctnta	aaactatagt	gagtcgttta	cgtngatcca	780
gacn						784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081

```

nnnnnnntttt atancagctc tngttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttg gatgtttta atatgtatac cttataatcc tgcctctagc caaatgctat      120
gtttgcaaaa tgtggcatct gttagttttt attgtctgtg tcttctttgt ttactatacc      180
ttgggtaatt ttgtgttacc aaaaaaaaaa aaaaggaagt gtaatgtcag acacacaaga      240
aaagcaaatc agtgttgtaa gcttaaagta caatttcaa ggtcattacc aacagcaggg      300
ttttttttat actttaaaaa cattatgcta catatcattg ccatttttcat attttgggg      360
tttgctactc ttatacaatg gaatcaatgg aaatgtcatc cagccactga attgccatta      420
ttatatctaa aaagtgttcta agatgacagt tatcactatt ttgttttatt tccatgctga      480
catttgaaaag aaggtctagt atccctctag ccagattgct tagtttttctg ttggtaatca      540
aacaacagtt gtactaaagg aaagtaaagc taggacctaa atcagaatca tagttgcctg      600
catatatggg aacaaggncg tgtgcatttg ctttcacagt gatgagtgag aggatgagaa      660
naaattattt gacatttttc ttgtgggtga atagaanaca cctttctttt gtctttaggg      720
ttangngnga gatactaaaa aaacctggga tgtttatcct atcttaaatt ngggtgggag      780
taataaaaaa                                     790

```

<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4082

```

ntatnctggc tactngttct ttntgcagga tcccatcgat tcgaattcgg caccaggttg      60
gttgtcaact ttgcattata ccaccactt gtaatatctc tgccttgaag aggaaaaacc      120
aggaaacatt cctagaatcc ccttcccgtt atgatcccaa gttaggatat gccagtgaga      180
gggtgctgtt tagtcccttt tgcctgctgt gacaaaatga cacagactgg gtagcttata      240
aacaacagaa atttatttcc cacacttctg gaggtcggaa agtccaagat cagggtattg      300
gtagattctg tgtctggtga gggctcattt tctgattcat cgatggcacc ttctcagggg      360
tcctcacatg cggaattgat aacgcagatc tctgggatct cttttataag ggcactaatc      420
ccattcatga ggggttctgcc ttcataatct aaccacctat caaaggcccc atttctagta      480
ccgttacctt aggggttagg atttcaacat gacctctggg gagatacatt cagcccatag      540
cagggtactca caatagaata agaaggcaaa gcaaggaagc ttttattctc aggatgtggg      600
aaagcatcac ccacttctcc agtaagtgtt ggcgttttc aatttctcaa tttcttcacc      660
agcttccact tttgcagttg tgtcagccaa tcaacgacag ctttccaaaa nttccgtgca      720
agtgcctgct tttganggca aaggnggnca taaaatngga agcttcttca ggctccttcc      780
acaatctn                                     788

```

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 4083

```

ggnnnnnnnan ngnnntttta atncttgcta ctcgttctnt ntgcaggatc ccatcgattc      60
gaattcggca cgaggaggaa gcatatacca cagaacattg gctgggtcagg atatacaagg      120
taaaggacct ggataatcga ggcttgctaa ggacataaat gtnacgtcca gctctnatat      180

```

```

gcttcgcact gagcacatca catttaggac gttgaagatt tttttttttt ttttaatatg 240
cannttgtaa gaacaaaact ggatggcatc anaattgnet ggaagttttg tcttgggcca 300
aatgaaatga tttttataat tctaaacagg ttaccaaag aaatgtcatg gctttacttt 360
ggtcaattaa aggggggaat tttttttaa aaantgaaat gctnacactt atntctgnaa 420
antatatnga aaatgnatac cntggngcct attgangntt ttggnggggtc antttcnnnt 480
taccnncnccn ccaantnga aactttnttn nttttggncc atcccacccc ttttgcnng 540
gcnnttaant nacaaanttg ctttttttcc cntnaangtn tgggaaaaaa nactttntcc 600
ttnttntctt aacccctttt cnccccngng gtttcttgn taaaaanntt cctntnttaa 660
aaatagncaa ctctttntt ttnttttnaa ngggntacca naaaaaaaaa aatagggggg 720
ggtttntaaa anatgggatt ggcccnncn acngggaacc caattgggnt ccttntnaat 780
aaaacctttt ttttnccaan atnaangggg gcctttttcg cntcnantnn ngcggttan 840
aaaaggggcn ntanccggtt gtttcttttn gggnaaatcg cancccttc 889

```

<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

```

ntgnnttttt attcagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gagagggggc gggcccgtac gccgattcca tatgggcgcc ggcgcgaggc gccgcggggc 120
agcgcggggt cgccatggct gagctgcanc agctccgggt gcaggaggcg gtggagtcca 180
tggtgaagag tctggaaaaga gagaacatcc ggaagatgca ggggtctcatg ttccgggtgca 240
gcgccagctg ttgtgaggac agccaggcct ccatgaagca ggtgcaccag tgcacgagc 300
gctgccatgt gcctctggct caagcccagg ctttggtcac cagtgaagctg gagaagttcc 360
aggaccgctt ggcccgggtg accatgcatt gcaacgacaa agccaaagat tcaatagatg 420
ctgggagtaa ggagcttcag gtgaagcaca gctggacagt tgtgtgacca agtgtgtgga 480
tgaccacatg cacctcatcc caactatgac caanaagatg aaggaggctc tcttatcaat 540
tgaaaaataa aagtttttgc cagtggccat caagggcttg agggcaagaa tatatttttt 600
attagggaaa aaaaaaaaaa agcctnttng aacttttagt gagttcgtat tacgtanaat 660
nccagacatt gataaggata catttgattg aggtttggga ccaaaccaca accttggaat 720
tgccagnngg aaaaaaaatg cttttttttt gtgnaaaatt tgnngaatgg ctatttgggt 780
tttanttggg aaaccaatta ttaagcttgc aaataaaaca aggttnan 888

```

<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

```

nnnnnnttta nancagctct tgtctttttt caggatccca tcgattcgaa ttccggcacga 60
ggttactttt tttctcacac aaaggaaaaa agagactatc tttagggaaa cactgcttta 120
aatcatcttc cttgaatatt aattctctgt tgcttcctcc aaaaatggag aaaataatcc 180
ctaccctcat aggttatta taaggctcaa ttatgataat ggtgtgaaaa ctttgaaaat 240
tagacttcag agaaattgag ttaatctggg attatttatc aatgtcttag taaccaaag 300
tttaaaatgt gttttgtcta ccaactgggt gcattgtacat ggttaatcca aaaggctcag 360

```

```

cttttcagca aatggaaaaa gattaacttc tttatggatc acattatgag atgaaacaca 420
tttcattcta gctgctgaaa aaatagcaac atgtttttga aaccattgtg attttgtatt 480
gcagtcacta aaacatcaaa tatatcattt ttatgttaaa gtgcccta attggtgtgtt 540
acataaaaact tggagtacct tggccaaata gaagaaatta atgtgccgcg tgtctgtttt 600
aaaagaatga aatctgagcc cagtgtgang ctcatgcctg taatcccacc cctttgagag 660
gcttgaggga nggaaaaatg cttgagtnca ngagttggag accancccg ccacatangg 720
agaccttttc tnttccaaaa aattaaaaaa ttgnccgnca tggggggccc atgccgtgta 780
ggccccnct

```

<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

```

gnnnnnttcn aatactgntc ttgttctttt gcaggaccca tcgattcgaa ttcggcacga 60
gaaacagtct atacatgttc agtacagatg cagccatcca ttttcttgtc caaatatttt 120
ttatctccag ttggttgaat ccattgatgc agaaaccacg gatacggaga gctgactctg 180
tgtgtgtgtg tgtatactca ccaattcttt atttattcaa caaatattta ttgaatttct 240
actatgtgtg aagcatagtt cacgatcctg gggatatagt agacaagctc ctgaccttat 300
tgagctcaca ttcttatggg gaagggcagg ttcagggcct tctcagatct ttgctgggca 360
tgcacacagc cctgtgcata tgctgctttg tggattccca caatgagctg aagcttttca 420
aagctcctag ggacgtacca ttctctggct tttccttttg agcttttaggt tagccttttg 480
tttgccctaa tatcaccac tactcaggca ggaatgaagt caaacaattg tcttgaaata 540
ttttcaataa atgcctctgg agaaaagggt ttttattttt ttagccctgg ataagatcct 600
ggttagggtg aataaangca gccttgcaag tgggggcttt ccnggaagca ccagacagac 660
aaataactac agtccatgag aatgaacttt gaagggctct naccctattc tgccttatta 720
agggntggca ngntcctggg ggtcancaag atgggggact ggttggcttt caagn 775

```

<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4087

```

tnnnntttta atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
gggccagcgg atcgctgcga gtggccttga aggcagctgc tgcaggtgaa gagtaggcgg 120
cggggcagag agcggcctcc gagggtcacc tgaatggttg agcatggacc ctgttgctac 180
ccacagctgc catctgctcc agcaactgca tgagcagcga atccaaggcc tgctttgtga 240
ctgtatgttg gtggtaaaag gagtctgctt taaagcgcat aagaatgtcc tggcagcatt 300
cagccagtat tttagggtggg tatttttagac ttcattctcc tagctgtgaa ttaagggtaa 360
agctctttta gtatggaagt attcatattt tgttctcctt ggatttcact atcttttatct 420
tttatagcac attggatttt gtaggagttg ttttaatttt taagtttgtt aaccattttt 480
attatttttg cttttgngtt tagagtaacc tgaaaagaaa agaggctctt aagtaaaatg 540
aatttgggat gactgaaagt attttgggtg nttggctttc attttactaa ttctggctaa 600
tgtcannctt ctacatatat ttcttatcct ttcaagaaaa aatgatgggg gaattaaatt 660

```

```

nccngtcana aattttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant      720
tctttntttt tttcttaant aaannnttta nttttggntn tnattnnaaa      770

```

```

<210> 4088
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

```

```

<400> 4088
taanccgct cttgttcttt ttgcaggatc ccacgatc gaattcggca cgagagggaa      60
aatatgacaa acctcaacta tgggagttgt ccacaataca aaattttgaa aaaacattac      120
atagtataaa tatcatactt ggttgtagg cttgttgctt ccccatcatca gaggcattca      180
atgatttatc ttttgtaatt gctgtgaact tttttaaata agccatttag tgtgaaattg      240
tcatgtatca aatggctatt ggaaatggac tttactcaat tttaattcca ctgtaaataa      300
ggacggagtc attcctacaa ggctctcttc agagaaatag attaaaagtc caatttccag      360
gtattattag tatagttatg ccgctgggcc acatcctcaa caacagctga tccctcttgt      420
ataaatatgt taactgtgca gaacagttat gttatgggac aaatataatg gtcattatgg      480
tcagatttgt tgatgccaca ccagtcaagg tagagtctga tagggcagta tcttaataac      540
cctcccatga cttaactgtt ggatttgaaa ggaaaacgta ggatttgctc ttgnccctt      600
ccccacaaa attttgataa tttgtttaaa aaggagang cngaggaaaa gactngaacc      660
ttaaatngct gctttanggt ttgccagang cccatactta acattagtct ttaaaattcg      720
anggtatttt actaatgnaa ttaatcaaca gagcccnag gantttttta tggg      774

```

```

<210> 4089
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(844)
<223> n = A,T,C or G

```

```

<400> 4089
nnnnnnnnnn nttntatana tacagctact tgttcttttt gcaggatccc atcgattcgc      60
ttgttttaaa gataattgct agatttatgt ttttagctttc cataaaatgt aataacataa      120
aataaaatat aaataaaata tgaaataaaa taaaagccat ggggaaaagg tagggtttga      180
ttgctaataa gaaatttctt ggaaaagaga ctagctctct tttggttttc caaagtccac      240
attttataac atttttagtg cttggtggtt gcttgtggta ttacattaga taaaatgta      300
tcacagtgtt ggtttatact ggatgtttta ataggattca ttgaaagggg tgtgttttct      360
ttctgaggaa tacttactca gcattttctt cagaaagtta cttgctgcta atcctttatg      420
gaggctctag gggaacatca ttttcttgcc ttttccagct tctacaggct gtccacatcc      480
tcagctagtg gccccttttc atcctttttt ttttcttgga attatgagat tttttgtact      540
ttgagttctg ggatacatgt gcagaacgtg cagggtttgct acataggtat acaagtgcc      600
tggtggtttg ctgtacccat caacctgtca totacattag gtattttctc taatgctatc      660
ccacccttag ccccttacc cctnacagtc cccggtgtga tgttccctc ctgtgtccat      720
gtgtgctcat tgggtcaactn ccacttatga ntgagaacat gcannnggtt ggntttctgg      780
tcctgngtga agttgctgan aatgatggnt tccagcttta ttcatgtcct gcaaaggaca      840
tgaa      844

```

```

<210> 4090

```

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090
 gnccttttga aatcccttnt aacncaaacg cttggcaaac nccctttctn cangcancce 60
 ntgcgntncc aattcggcac gaggccaaat gccggaattt aaaacctggc ttntaaaaag 120
 aatgattttg aacaaggcga attatatatt agagaaaagt ttgaaaattc aattgaatcc 180
 ctaagattat ttaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca 240
 acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg 300
 gactatatgc agaaaatatt ccatgacttg gatatgctga cgactgtgca ggaagaaaac 360
 gagccagtga tttaacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgtc 420
 aacacacctt acgtggataa ctccataaaa tgggctgggtg gtggatttct gtctacagt 480
 ggtgaccttc tgaaatttgg gaatgtaatg ctttatgggt accaagttgg gctgtttaag 540
 aactcaaagt aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg 600
 accccagtc ctaacacaga gatgtcttgg gataaagagg gtaaataatgc caatggcgtg 660
 ggggtgttgg gaaaagaaca aacgtatggg tccgtgtaga aagcaacggc attatgcttc 720
 acatactgga ngggcantgg gtgccagtag tgcctctctg tccctctgaa aantgg 776

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091
 ngtttttaaan atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggaatgga gttccacctg ggctgtttta ttaactattt gccctccgt ttcttcattc 120
 gtaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct 180
 ccctgggcgc gattgtccca tctgaaggtc ataatagcac ctgccacaga ggatggtagt 240
 aaggattaaa ttagttaatc catgtaaatt acctaggtaa gtgcctgcca tatagcaagt 300
 gcttgggtact tttttttaa aatcactggg atgactattg cagacacctt tgccatgatt 360
 ggaatagctg gaatccaaac tcaagccttc catttccagg gttctggctg gtgtggggct 420
 gacagacctg gatggggatt cccagctctg cctctcttca gctgagcaag tcaactggaac 480
 ctctctgagc tgcattctgt tcagctgtaa aataatagtt tgtactttgc aggggtgttg 540
 taaggcaatg gtctccagcc tttttggcac cagggaccag ttttggggga agaaaatttt 600
 tncatggaca gggntgctna aggggatgtt ttnaagctcc catgaggatt taatgcggcc 660
 ggccccggng gcttaccctt gtaatcccaa nacttttgga agcccaagtg ngccggatcc 720
 ccaggtcagg gaaacgagac cntcctggta acatggggaa ac 762

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4092

```

ngtcatttgn tngatacagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaaataaa aatacaatgg cttattttaa atgtccctat gcatggtgaa atgttaaata      180
ccaagtggat gaatgggtct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttcct ttttctgttc tgttttaaat gtgcactaaa      300
attacctgct tgtgggttagc atgggctgga cagtttattg atttttcaga agaattgcttg      360
gctttgggtt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tattttaatc ctatttgaat gtatgctatc tcctttaccc tccccatctt atgataaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggctcta cagcccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaagtgcc tggcatcact actgntgcct      720
ttcatttata ataatagccc ttcctcttgc agtgggggta ga                          762

```

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4093

```

ggnnnnnngt ctttcaaant ctaggtact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtncca ncacaccggc gccgtcctgg actgngecct ctacgatcca acgcatgcct      120
gnagtggagg actagatcat canttganaa tgcttgatnt gaacactgnt cnagaaaatn      180
tngtngggac acatgatgcc cnnntnanat gtgnngnata ctgtccaaan ctgaatntna      240
tggtcncctgg natntngnnt cagncnnata aactgcngga tcnnncanct tctngnaatn      300
cnnngaccnn nnctnngccn gaatangtgt atacntctc nangtcttgg agaccgncng      360
gttggtggnna cngcaagnct gccnnngntt actnccatnt tangccaaca tgggtatncc      420
antcttggtg gngatanacc atcctgccnt accngacttg atgngttcga gnntnngcaa      480
actnnnnngg cttggnatta agctgnttag aangccaagn nnattctgan aatntggacc      540
tgngccttng ggccataaaa aagcgnatgn cnnnttctnn ggccaaacna tgataacctg      600
attnccatcg atttcaccct tganaatggc ttcanntnta aactnaatac ncaantnntt      660
atcntcaang nggaccgnaa acgcttngng aanctttttg gggggnnncan tnttgcaaaa      720
cnnгааangt gcccatntaa anccaaactc gcaattgngc aanttnantt caattgcctn      780
gaataattgg agang                          795

```

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4094

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natggntttt nannatacag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg      60

```

```

cacgagacag agcgagcact ccagttcaaa aaaataaata aaaattaaaa aataaaataa 120
aataaaaaat ttactaggca tccagcattc attaaggaga ataattcagt taaggaggaa 180
aagaattctg ggattctggg aatttcctta accaataaag agtatgtgtg agaaacctac 240
tgctaacatc atacttaatg gtaaaagtcc aaagatcagc aaaaagagga tacctggtct 300
aaacacttcc actaagcatt atactggaag ttctagctag tgcaataaat gaaagaatac 360
aaagtatcca gattggaaaag gaagtaaaat catctttatt aacagattat atgattgtct 420
atataaaaaa aatctgaagg tatctacaac actattagaa ctaaatgagc ttagtgagac 480
tgcaaaaaaa agatcaatat atataaagca gatgattttg catgactagc catgaacaat 540
ctgaacctta aaaccttaaa tgccatttat acaccatana caatatgaaa tncatagtga 600
tgcatctggc aaaagaagtg caagatgtat agtataaaaa ttaaaacact ttggggagaac 660
tttaaaaagc ctaaatgaga ttactatgtc agagactcca gactcatacc ataatatgca 720
atcttccacc tgcctaagat cagtgaatcc 750

```

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

```

gnnnnnnnng nttnttnca gctacaggct acttgttctt tttgcaggat cccatcgatt 60
cgaattcggc acgagaggac attctcctac atagccgtat attctcatta taccagcaa 120
atattcaatc atattatcta aggtacactc cacattcaga aaaaaaatg ccctttacca 180
tagtttttgt tttgcttttg gttttgatca aagattacag gtgtgagcca ccgcaactgg 240
ccactgtgtg tacgatttga aataaaaagg aacctgtcaa gtaccagag aatatcagaa 300
ctgctgtcgc atctcctgaa attgaaatta atttctcag tgactcaata ccactgcca 360
ctcactcaag ccctgcaagt tcaagccaaa tcatcctgcc accacaggaa tctgatgggt 420
cacgctgctg cctactgaaa atggggattt gggttagtga taaaataggt taaaacacat 480
aaaataggta aactagggtg aaatacagta agaatgggtg agaggagaga aaaagaaact 540
tcantttagg aagcataata ctacttaaaa tttcctgaga ataaatttgn cttctagaca 600
acacanagna nnntanncn nnnncnnnnn nnnantnnna aaaaagcctn taaactntag 660
gagtcnttta cgnaatcccn acntgtnaga tncctgatga nttggacaac ccacttgaat 720
gcagngaaaa aatgcttttt gngaaatngg agctttgn 758

```

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

```

gnnnnnttttn aanatacagg ctacttgttc tttttgcagg gatcccatcg attcgaattc 60
ggcacgagac gggagctagt gacggcattt ctacgatcct gaagatcctc gtctccgggg 120
gcggcaagtc acggacagggt gtgatgatcc ccatcccaca atatccctc tattcagctg 180
tcatctctga gctcgacgcc atccagggtg attactacct ggacgaggag aactgctggg 240
cgctgaatgt gaatgagctc cggcggggcg tgcaggaggc caaagaccac tgtgatccta 300
aggtgctctg cataatcaac cctgggaacc ccacaggcca ggtacaaagc agaaagtgca 360
tagaagatgt gatccacttt gcctgggaag agaactcttt ctctgggctg atgagggtga 420

```

```

ccaggacaac ntgtactctc cagattgcag attccactcc ttcaanaang tgctgtacna      480
natggggccc gagtacttca tcaacgtgga gctcgctcnc ttccacttca cctncaaagg      540
nctncatggg ccnatgtggt tacanacgag gcttcatnga ggnnaatcaa cctgcccctg      600
anatcaaggg ccanttggtg aaactgcttt cggnnctcct tgtgcccnc aatatntggt      660
caaggcgcgn ntggacattt ttngtgaacc cccttggcc a tgcctnaact tcaaaacaat      720
tnaaatgntt ttttttttgg nnncaaatta naacctnact tanttttgcc a              771

```

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4097

```

gnttaanncn tnatacagct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggctgc tgggcctgga agtccagggt gggccactcg ctaattctca tgtgttgctc      120
cggcccctcc agctgcagggt ggggtgtggag tttgaggcca gcacaaggat gcaggacacc      180
agcgtctcct tggggtacca gctggacctg cccaaggcca acctcctctt caaaggtaaa      240
ggtctcgggt cccctacgcg ggaaacaggc aggagggtgac tcaactctga gtggatgtgt      300
gggccaccac aggtgctgga ggacagtgtg ctgccaccct gtgggcctcc acattaccgg      360
ggaacacttg ttaaaaggta ggtggggcgc ggtgcggtgg ctacgcctg taatcccagc      420
actttgggag gccaaaggcg gccgaggtaa ggagattgag accatcctgg ctaacacggg      480
gaaactccgt ctctactaaa aatacaaaaa caaaattagc cnggtgtggt tgccgggtgcc      540
tatagtccaa ctactgagct naagcnggaa aatggtatga acccaggaag cggacttgcg      600
gtgaaccacg atcgtgccac cgacttcaac ctgggcgaca gacaagaatt catttnaaaa      660
aaaaaaaaag tagtggacaa cctntacta tgtttatctt gggaaaaaaa agtnggtnna      720
acggncaagc cttgtgaata accctgtaat nccaach                          757

```

<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4098

```

gntttananc agctnntagc tacttgttct ttttcagga tccctcgatt cgcaaggatg      60
ggcgcacccg agaaggagac cgcattatcc agattaatgg gatagagggt cagaaccgtg      120
aagaggctgt ggctcttcta accagtgaag aaaataaaaa cttttcattg ctgattgcaa      180
ggcctgaact ccagctggat gagggctgga tggatgatga caggaacgac tttctgggtg      240
tggtatgtcaa tgatgatttt tctgaggaag taaccaaaaca agaagacctc atgagagagg      300
taaacacctt tgtaaagaat ctgtaaccaa taccatgatg ttcaggctgt gatctgggct      360
ccctgacttt ctgaagctag aaaaatgtng tgtctnccaa ccacctttcc atccccagcc      420
cctctcatcc ctggagcact ctgccgctca agagctgggt tgtaattat ngttagactt      480
tgccattggt ttcttttgct ctgaagcatt ttgaaaataa agttacttaa gttaaaaaaa      540
accaaanaaa nactcgagcc tctanaacta tagtgagtcn attacgtnga tccaganttg      600
atnagaaaca ttggttagtt nggnaaccac aacttgaatg ccncggaaaa aangccttat      660
ttggtaaaat tgtgangcna ttggtttatt cgtaaccttt ttaaccggcn ttnacaagtt      720
aaccacnacc attgctttna ttttatggtt tagggctcncg gg                          762

```


<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099
 tgnnnnnnttn anaancagct cttgtttttn agcangatcc ctcgattcga attcggcacg 60
 agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg 120
 agtctctgat ggggagcagt attgcatggt ggttgagaac tgaggctctg atgttagaac 180
 tggattctga cttaaccacac tgtttgcccac catcttgagc cttgggtttcc ctatctgtaa 240
 aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
 cctgtaatcc cagcactttg gcaggetgag gcaggtggat gatttgaggc caggagtttg 360
 agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
 ggcattggtg tgcacccctg tagtctcagc tacttgggag acagaancag gagaattggt 480
 tgaacttgga aggtggaggt tgcantgagc tgagatcgca ccactgnact ccatcctggg 540
 cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa 600
 aaaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat ccagacatg 660
 ataaaaatac catttgatga agtttgggac caaaccnccn ccttggaatt gccggtggna 720
 aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa 780
 acccatttnt taaagcttgc caataaaacc aanattna 818

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100
 aannnnggct actngtttctt tttgcaggac ccatcgattc gaattcggca cgagatccaa 60
 ctgtggcttc tcccaggacc attacacttg tatctaaata cctacttgac atcttctttt 120
 ggatactgaa taaagatctt gaacaaacaa ataaaaacag taggttggtg atgcatgtta 180
 ctttgcccaa tagatatatt ctatcagaat gtgatttgta tatataatat gtttacatat 240
 taaattttga ttcaattaaa attctccaca ggggagattc tgtggtaagt tctttcgtaa 300
 atgaagtaat tattctagtg atttaagttc atgttacttg tactttatgc tttattattg 360
 atgtgttatt atgcagtatg cttatttgtg ttttattctt atgttattta ctcttgtttc 420
 tgattgatct ttcatgaagc tcctaatact ctgtccatag aagcacagct ataatgatat 480
 ttacatatgt aaggaagact acaaataatt cttcttttga ttcatttttg gtgattatct 540
 ccttggcaga cataaaagac tgatgtggtt tggctgtgtc cccacccaaa tcttgaattg 600
 tagctcctct aattctcacg tgtcatggga gggaccagc gggaggtaac tgaatcatgg 660
 gggcaggtct ttcccatgct gttctcctga tagtgaataa gtctcacgag atatgatggt 720
 ttaggaatgg ggagttcccc tgggcatgct ctctctcttg cctgccacct gtagacgtga 780
 ctttgcctct ccttcgtttt tgccaagatt ggngaggcct c 821

<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(818)
<223> n = A,T,C or G

<400> 4101
tgnnnnnnttn anaancagct cttgttttnn agcangatcc ctcgattcga attcggcacg 60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg 120
agtctctgat ggggagcagt attgcatggg gggttgagaac tgaggctctg atgttagaac 180
tggattctga cttaaccac tggttgccca catcttgagc cttggtttcc ctatctgtaa 240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg 360
agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
ggcatgggtg tgcaccctg tagtctcagc tacttgggag acagaancag gagaattggg 480
tgaacttggg aggtggaggg tgcantgagc tgagatcgca ccactgnact ccactctggg 540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaa 600
aaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg 660
ataaaaaata catttgatga agtttgggac caaaccctcn ccttggaatt gccggtggna 720
aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa 780
accatttnt taaagcttgc caataaaacc aanattna 818

<210> 4102
<211> 845
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(845)
<223> n = A,T,C or G

<400> 4102
gnnnnnnnnnn tttntataga tacagctact tgttcttttt gcagggatcc ctcgattcga 60
attcggcacg aggatacatc caaatattat tcatgttata gtaaatacaga tgaagccttg 120
agcttctcag cagccacgta aggccttaaat atgagggaac aggggctctt agaagtgaag 180
tgacttctga aagatgcaca gagaattagg aaagagtctg aattcaaccc tggaaacctg 240
actttcaggg gagtgcctgg cccactaaag aatgacaaag ccattggggg tggcatggaa 300
agcatgagct ttggagttag acaggcctgg gtgtgaatcc tggtcacccc agttctgtta 360
aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg 420
tgttaacgct tacctctcag gatggggggt acaaataaat agaacgacat aaagtacata 480
atacatcaat cagttaggat gtatttgggt acaggcaaaa gaacagccct cctcaactgg 540
cttaaccaac aattaaccta ttatcttaca taaaagggag tctagaagta gggatgttcc 600
aggtttggct aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc 660
ctttttgcca ttctcagtgc ttctcatggg tccttttatg cttgcaatat gccagctgca 720
gcttcagaca tcaacttntc acatacctat gtccagagca gaagaaggac atttctcctt 780
gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg 840
nnccn 845

<210> 4103
<211> 830
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(830)

<223> n = A,T,C or G

<400> 4103

actacagcta	cttgttcttt	ttgcaggacc	catcgattcg	ccacactgct	gttctcatga	60
tactgagttc	tcacaagtc	tgtttgtttt	ataaggggct	tttccccctt	ttgctcaaca	120
cttcttccctg	ccatcatgtg	aagaaggacg	tgtttgtttc	cccttctgcc	acgattgtaa	180
gtttcctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcccttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcctc	300
aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	gcacacaatc	tggctcaatg	360
tatatattgg	cccagcaagg	caaagaactg	aagttccagg	atggaagaac	ctgtgttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aaggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcaggggc	tgttgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tcggcatgca	ttatttcttt	ggtttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcctttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
tccatttgag	gaatttatga	ataaagctgc	tnttagcatg	aaaaaaaaaa		830

<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4104

nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcac	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagatagg	gcttatcctc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaacgca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtcac	aacgatgtaa	ataatgcaaa	accagtggat	300
tactcatgct	taatttatat	tttacttgga	aatttatctt	ctttttcttg	gttatctctc	360
taaataagg	aactttttta	tacattttct	ttttatatgt	atttatctct	ttttttttgt	420
gacggggctc	cactctgtca	ccaaggctga	aatgcagtgg	tgcatctca	gctcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgcttgaaact	cgggagatgg	aggttgcact	ccgtctggat	catgccactg	cactccagcc	600
tgggtgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatgtt	ttttctctgg	taaagaacct	tncagtga	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttgggtttat	caagtggnat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4105

gnagngtcnn	ntttctaatag	ctgganactc	gttctttttg	caggacccat	cgattcgaat	60
tcggcacgag	ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	120
tttagaggca	tctgttctat	cttcccatca	taaaaaaagc	tctgaggaaac	atgaatacag	180
tgatgaagct	cctcaggaag	atgagggctt	tatgggcatg	tccctctctt	tacaagccca	240
tcatgctatg	gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaagggtc	ggtggcgagt	300
gatccctcat	gatgtactac	cagactggct	caaggataat	gacttcctct	tgcattggaca	360
cgggcctcct	atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	420
aacaggcaac	atttggacac	atctcttagg	ttgtgtatct	ttcctgtgcc	tggggatctt	480
ttatatgttt	cgcccaaata	tctcctttgt	ggccctctct	caagagaagg	tgggtctttgg	540
attatttttc	ttaggagcca	ttctctgcct	ttctttntca	tggetcttcc	acacagtcta	600
ctgccactca	naggggggtct	ctcggtctntt	tctctaagta	agtatctgta	aagtnccat	660
ttttggccaa	tgattnanag	gttagtgctt	taggggaaaa	aacattcncc	canantttgg	720
catgaattct	ttaataatna	ttctaattnc	cnccttnann	tttnnaaaan	aanttttnna	780
cacnaaaccc	cagatttgnc	ttntttaanc	attnnttnn	attnncnnan	aganccncca	840
agntataaat	tcggggaana	cnaaaatngg	ttcaatttnn	t		881

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

tttnnatata	gctcttggtc	tttttgcagg	gatcccatcg	attcgaaaag	gtgaatgcag	60
aggcctggcc	cagaccccag	ccctgtgtgt	caatacaact	tttcacgttg	ttacatacac	120
attttccagt	ctgtgtctcc	ctctgaaaga	aaccctgaaa	ttcaggttgc	taatagattg	180
ttggttgcaa	gtatgaagga	cagaggaggt	aagagaggag	gcaacttgct	aatgcaaaaag	240
cagtgtatcg	aaagtccact	ttatttctta	tttataatct	acatgcacac	tctggataat	300
agatgacact	gctcattcag	tactttaact	tcaaagcaga	gagaagccat	ggatgacaga	360
gccgggagcg	ggaatacaaa	ggtactaaca	acaagaggaa	aaatgcctgt	ttacggggatt	420
gcatttggtta	gcacgctctc	ttcagatatt	gttccccccag	gaatagcgaa	aatatgtgca	480
gcgcgaacaa	tgatttaaca	tctgaaaatg	gtacttaaaag	agtttctgtc	tggtagtaat	540
gtgatggagg	cttctgaagg	gaacctgggg	acttcatttc	ttctatttat	ctatatgtct	600
ctctggtttt	agtgagcggt	aattgcata	ttaacccctc	aaatagcttt	aacctnaccg	660
atgccacttt	ttaccctgta	taaaatgtac	ttttatccca	gcaaaggcag	actcagaaat	720
tnctttacc	aaaaaattat	ttaaaaaaa	aaaaaaaaa	cttcgagcct	tttanaactn	780
tngtgagtcc	gnnttacgta	gatccngacc	ttgatnagga	tccattgatg	n	831

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

gnnnnnnnnn	tttnnaactt	tgctaatnct	tggtactctg	ttctttttgc	aggacccatc	60
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ggtctccata	ggggcaggta	aacgggggatt	ttaatcattt	taagtgtctt	agaatgatat	180

tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgctctctaaa	ctgcctggaa	300
ccaaatgtcg	atTTTTctga	ccccctccag	ggagtgtctga	gtagtgtatgg	tgtctggagg	360
gtcaaatcca	ttcccaatgg	caaagggtcc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgtttgg	ggcactgtgt	tcctcttcgt	ccctgcacca	gaccctggaa	480
gccttggcca	gagacctcac	cagactcgac	ttgcggcgct	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggcccagtgct	600
taccaggggtg	gtgacagcct	cgtggactaa	agttcccgagt	gtggggagaaa	ggagctagtt	660
tgcaataaaaa	acagctggat	gcaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgttaacc	attattaagc	840
tgcaatan						848

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnnn	tttnaacctt	nctaattnctg	gctactngtt	cttttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	tttttctcat	tttcctcttt	180
tgggattcat	atattaagta	ttagggcatt	aaaacacaac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aatataatt	420
tccagaatta	ccactttatt	agagtcaa	gtccagtttt	taataaaaact	cagaagcata	480
caaagaaaca	ggaaattatg	gccccatcaa	ggatcaaagg	aaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaaat	tctagagtgg	720
aaaagtncaa	tactgaaata	aatattact	agtaggattg	aagtcatgtt	tggaaataggc	780
aaaaaaaaaa	annnnnnnnn	nnntnnaaaa	aaaaactngg	cctttttaaac	tttnggggtc	840
ngtttacct						849

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 4109

tannccngct	cttgttcttt	ttgcaggatc	ccatcgattc	ggtttggcag	tctctgaaaa	60
tatatacctg	ccatatgac	cagccagttc	actgctacct	agtttcccaa	aagaaatgaa	120
aatatatgta	tatgtgaata	ctcatatact	aatattcata	gcagctttgt	ttgtaatgga	180
caaaacaacc	caaatgtcca	tcaacgttgg	aatggaaaca	acccaaatgt	caatcaacaa	240
gtgaataaac	aaaatgtgct	atacgtatat	aatggaatac	tactcagcaa	taaaaaggaa	300

tgaaaggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggatt	accaagaggg	gtgagaaaac	ttttgaaggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccaggggtg	atattgtaat	600
ttcaaaaaat	gatcaaaatt	tntacacttt	taaaaatantg	gttcaagttt	tattttttat	660
attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nnncntntnn	tnncnnnnnn	ntcntnnnnn	nnntntntnn	nnnnncccn	gnccttntt	780
aaaaantttt	gnnggggggnc	gntttttccn	tngaaccccc	cnctttgttt	tanct	835

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

acattnnngnn	cgcctttcng	tttganccca	tgcacogaat	tgggcacgag	gctngatcgt	60
ctgggcctgn	gtttnanctg	gnatnggatn	ctcaatcctt	nttgttcaaa	ttttnaagtc	120
cagaaaagtc	tgaaaactga	aagttttttc	ataatttatt	tactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccgag	cctagttaga	taaatgcacn	attngctttt	aattncaaaa	300
aaatcttaan	tctgaggcac	atttggttga	cagcattttc	gatnagggat	tttgaacctc	360
taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggctctttt	attgacgtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggctgac	cattgggtcaa	gttatgactg	cogtgcctct	nccccaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggtaaggcc	ttttaataacc	atnttaacca	tcttagcttt	720
gncttaacct	acccttaaan	ngtgcctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

ttttcttttn	ntnnatcagc	tcttggtctt	tttgcaggat	ccctcgatcc	gaattcggca	60
cgagggggacc	togatcatga	caggctcatc	agcctgtgcc	tgaccttctt	caagtgaacc	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcgggttaca	gaggagactg	acagaggaat	tccagaatgt	aaggatcatn	aaacctgaag	240
ccagcaggaa	agagtcatca	gaagtgtact	tcttgggcac	acagtaccac	ggaaggaagg	300
gcactgtgaa	gcagtgagga	tttcttgtgc	cattttcata	atgggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atttgagctg	attttggaag	420
tggagcatga	caagtgggga	gtctctctct	ctcttctctt	ctctctcttt	taaaccacaa	480
agagatgacn	aaactaagtt	caggggccat	ggaaaatgaa	aaagtccgct	atattgngat	540
ttgggaagaa	gaaagtnttc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600

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acttgttggg aagggtcana aaggaattcc cccgangcaa gggattggtg tgcccatttg 660
tgcccttgac cgggaccttc atcttattat actggttaaa ctgtgnanac cacaaaacag 720
gggttttcca acccctgttt ttagaacccc acgcnccaga tttttccaat tctttaaagg 780
ggggctggtt 790

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<210> 4112
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

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<400> 4112
ggtnnnnnntt gnaatcgana gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca 120
gtgcacaggt tgacacagtg gcctcagggt cacagtgcac catgtcactg tgctatcccta 180
cgaaatcatt tgtttctaag ttgtgtttat tcctggagtg acatgccacc ccgaatggct 240
cactttcact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggcttgaga 300
acttactaaa ggcacttcct tcctgttaaa cccctgttaa ctctccataa atttggtgat 360
tctctgctag gcctaagatt ttgagttaac atctcttgaa gccaaactcc accttctgtg 420
ctttttgctt gggataatgg agtttttctt tagaaacagt gccagaatg acnagatntt 480
taaaaaaaga aaggaaggaa aaaaaaaacn cttcctttta aagaaattcc ctaccngatt 540
tttaatatag gtnatcttac cactttcttt tctagtctt tggatttttna gcttaggctg 600
cattctaacc tcatactgng naanaccaa ggtggttttt ngattcanna aattttttga 660
aaatctgcat aagccttaaa tttggttaaa aattaangaa aaattccttt aaaaaaaaaa 720
tannnnnnnn naaaaaaaaa aacctgnggc ctttanaact ttgngagtcn tttcc 775

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<210> 4113
<211> 773
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

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<400> 4113
ctaaccctt gtttctaagt cttgggtact ngttctttct gcaggatccc atgcgattcg 60
aattcggcac gagccagag aagagctttt cagagaaagg tacagacaag aagctagaaa 120
gagtggaagg agcagcagtc ttgcaaggaa gcagggcaga gacacagccc atggccctc 180
actgccctgc tggaagggtc gatggagctc cccgcagcat ggttcctgcc tgggtgacag 240
aggctcctgt ggccacttta gaagtgcggt ttactcctca tgccgagatg gaccttgggc 300
agctcagttc acaagatgtt ggtcaggcgt catttaaata ttttcagtca gcagaggaag 360
caaagcgtgc cattgaggct gtgctgtcag cggatcctcg gtctgtgtac cgccggaagc 420
tttgccagga ccgccttttc tactttactg tagacatagc gcatgtcact tgctggtttg 480
gtgatggctt tgcagagggt ctgaggatca agccggcttc tgagcctgtt catatgactg 540
gccctgtggg gtccctgggt tctctggggt ctaaggacc tncctcatgt ctttaaggta 600
gcatcattga tctttggatg tggttttttg gatttcttga acaagctaat gttgtgtcaa 660
gaagcaacac ttttgtgaat ctcatggct ttgattggat ttgggcttgt tcaaaaatgt 720
ttatttgaaa aacgtattcc ttaataaaac ttaaccaaag agatttttaa att 773

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<210> 4114

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<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114

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gcacgagggg	acccagtagg	tatcgttgga	aacaacggag	ttctcttttc	tgaatctgca	120
aaaaagggta	ctcactttgt	ccagttatgc	tgccaaagaa	atattcctct	gctgttcctt	180
caaaacatta	ctggatttat	ggttggtaga	gagtatgaag	ctgaaggaat	tgccaaggat	240
ggtgccaaga	tggtggcgcg	tgtggcctgt	gcccaagtgc	ctaagataac	cctcatcatt	300
gggggctcct	atggagccgg	aaactatggg	atgtgtggca	gagcgtatag	cccaagattt	360
ctctacattt	ggccaaatgc	tcgtatctca	gtgatgggag	gagagcaggc	agccaatgtg	420
ttggccacga	taacaaagga	ccaaagagcc	cggaaggaa	agcanttctt	catgctgatt	480
aaaccgnttt	taaaaaaccc	ttcttttaaaa	ntttgaagag	gaaggaaccc	tactntccag	540
ccaaggtatg	ggatgatggg	atcattgtcc	acagacncag	actgtcttgg	tctngtttag	600
tgcacctnac	cccattngaga	gatgntcgtt	cttagatgta	ctggataagn	gttctgtgaa	660
tnctgaatac	ctngntanct	aaattaactt	cnctagtgtc	anat		704

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 4115

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gcttttcgtta	ccagcaggag	ctggaggagg	aaatcaagga	attatatgag	aacttctgca	120
agcacaatgg	tagcaagaac	gtcttcagca	ccttcogaac	ccctgcagtg	ctgttcacgg	180
gcattgtatg	tttgtacata	gcctcaggcc	tcactggctt	cataggtctt	gaggtttag	240
cccagttggt	caactgtatg	gttggaactac	tgtaaatagc	actcctcacc	tggggctaca	300
tcaggtattc	tggtcaatat	cgtgagctgg	gaggagctat	tgatttttgt	gccgcatatg	360
tggttgagca	ggcttcttct	catatcggtg	attccactca	ggccactgtg	agggatgcag	420
ttggtggaag	accatccatg	gataaaaagc	tcaatagcat	ctttaacgtg	aaaatnaaac	480
cagaacncna	nnaaggcctt	tanggatttc	nggggttttg	cccacggcca	caggttcatt	540
tccagaggaa	tgcaaaaactg	anacnatcca	ggaagagcta	aaacatggcc	ctgtaataaaa	600
tgaccagacc	tttctgngg	ttcaaattnt	taacacactt	cctttctttt	gggaaaaaaa	660
aannnnnnnn	antnnnnntt	nnaaaaaaa	aaacttgacc	tttaaactnn	aggatctttt	720
actnantcca	acttgntaga	nccatggtna	gttggnna			758

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

ggnnnnntnn	nntttgaaac	cttnggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggtcaacc	tctaccacgt	gcgggaggat	ggctggatcc	nagtctccag	120
ngacaatgtg	gctgatctac	atganaagna	tantggctct	acccctgaa	agaggggtga	180
tgcantgtct	tgtgtatntt	ggggtgactg	tcattggtaa	tacggacaca	gtgacccatc	240
ctccatncta	tttatagnn	aagggccttc	antngtatca	gtacttgatt	tnaagctctg	300
gcacattgac	ctntatgtgt	taccagtcac	taatgagctg	ntgcacgagg	tgactattng	360
ttanactntc	ttagcatggt	aacattacac	tnctcactac	tcatananaa	gnntnnnnan	420
aacttgagnc	ctttaaaaa	ttttaagtta	gtcannattt	ccgttngatt	ccaatanctt	480
ngaanaaga	atncccttgg	gntnaatttt	tggaatcaaa	acttctacc	tttgnaaatt	540
nncnntgtgg	aaanantaaa	atntgcttta	aaatttttng	ttgaaaattc	ttggggggaa	600
ncgatttttt	nngncttttn	aannngnggg	ttacccctt	tnattannnt	cttnaaatan	660
ttnccaaann	ttttaaccct	caaccttttt	ggntttttan	tttttaagng	gttncatgnt	720
aaaangtnaa	atntntttgt	anngnntttt	ttntccagnt	nccnngngtt	cttnanaaat	780
ttngccnnn	gtgtcnacaa	nntnttttgn	tnccntaatt	tatnggnngt	ttntttnccn	840
ctnttgatcat	aaaatagngt	taanctggn				869

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

ggtnnnnnntt	ttnnnnntaca	gtactttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	gatgctgaag	gaaattatag	ccagaggaaa	tttttagactg	cagaatataa	120
ttggcagaaa	aatgggccta	gaatgtgtag	atattctcag	cgaactcttt	cgaaggggac	180
tcagacatgt	cttagcaact	atttttagcac	aactcagtga	catggactta	atcaatgtgt	240
ctaaagtgtg	cacaacttgg	aagaagatcc	tagaagatga	taagggggca	ttccagttgt	300
acagtaaagc	aatacaaaga	gttaccgaaa	acaacaataa	attttcacct	catgcttcaa	360
ccagagaata	tggtatgttc	agaaccccac	tggcttctgt	tcagaaatca	gcagcccaga	420
cttctctcaa	aaaagatgct	caaaccaagt	tatccaatca	aggtgatcag	aaanggtcta	480
cttattgtcc	gacaccatng	aantnttttg	agggttgca	aanaccattg	aaaaaagaac	540
naaaagcctt	aaaagccctg	tnttcncttg	taaattcacc	tgcaaaaata	tggattggct	600
ntttaccaac	ngggcaaccc	tggcaaaccn	aaaaaggctt	gtgggnattt	ggaattatatt	660
ggtnccgaaa	atngtctcnt	ggtaanttat	tcattactta	cttnaaagaa	ctgggtttcaa	720
aaatnggcaa	gcnttccttn	aaaagcccag	tttgttaaaa	aatanggtcc	cccttgntct	780
ggttccaaaa	nnaaaaggcc	nnaanggaan	tttcenn			817

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

```

gntnnnnntt tgtntncata caggetactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gccggettec tcatcaacct cattgactec cccgggcacg tcgacttctc      120
ctcggagggtg actgctgccc tccgagtcac cgatggcgca ttggtggtgg tggactgcgt      180
gtcaggcggtg tgcgtgcaga cggagacagt gctgcggcag gccattgccg agcgtatcaa      240
gcctgtgctg atgatgaaca agatggaccg cgcctgctg gagctgcagc tggagcccga      300
ggagctctac cagacttttc agcgcacgtg ggagaacgtg aacgtcatca tctccaccta      360
cggcgagggc gagagcgggc ccatggggcaa catcatgata gatactgtcc tcggtaccgt      420
gggcttttggg tctggcctnc acgggtgggc cttaccctga agcaatttgc cnaanatgta      480
tgtngcccaa tttngccgnc caagggggga aagggcccan ttngggggcc tggcnaaacn      540
gggcccanaa aaaggttnan ggaccattga attnaaaaaa aaccttttgg ggggttgaac      600
aagggtnctt ttttggacct ccaancccca aacggggcaa aggttttnaa ncnaaggggt      660
naagcccaac ccaaaccccc ccnaaaaggg gnaaanaaaa cttggccaan gccaacntt      720
ttttggccaa acttggaaac cttgggaanc cccatttttt tnaangggng ttttggatgc      780
cnaaccattg aaattttcaa ggaaaanaag gaaggccngg gattngggaa aacccccaaa      840
aatttttttc catttttttt n                                                    861

```

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4119

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ggtnnnnntt gtaanntana gctacttgtt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagcc tcattatcca ccacgcacag atggtacagc tggggctgaa caaccacatg      120
tggaaccaga gaggggtccca ggcgcccgag gacaagacgc aggaggcaga atgaccgcgt      180
gtccttgctt gaccacctgg ggaacacccc tggaccagc catcgggccag gaccccatag      240
agcaccgccg tctgccctgt gccctgtgga cagtgggaaga tgaggtcata tgccactttc      300
aggacattgt cggggagccc ttcatttagg acaaaacggg cgcgatgatg ccttggcttt      360
caggggtggtc agaactggat acgggtgttta caattccaat ctctctattt ctgggtgaag      420
ggtcttgggt gtgggggtat tgctacggtc ttttaattat aatnaatatt tattggatgc      480
ttnaaaaaaa naaaaaaaa aaacttnngg ncttttttnaa attttttaggg gagtcngtnt      540
tnccntagan tccagacntt gttttaggat nccattgggt gaanttttgg gaccaaaacc      600
ncaacnttgg aaattgccnn ntggaaaaaa aaantgcctt ttanttttgg gnaaantttg      660
ggggaatgcc ttatttggct ttttaatttt gtaaccnnt tttttaaagc ctggcaattt      720
naaccnaggt ttnaccnanc caaccaaatt ggcattttca tttttaaang gtttttnang      780
gtttcaaggg gggnaagggt tttgggaaan gttttttttt aaaatttnnn ggggccccnn      840
ggngccnca a                                                    861

```

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4120

```

ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggnnc ctgcaagggc tgggtgtggaa acaagcannn tngntgcntg aagcaaaagt      120

```

```

nanacngngg  tgttnactgt  tgatgtgacc  ccacaaagtg  tnggaaccgc  catcaaggcn  180
nggntagctn  gggcactgtg  gancggaccc  anaattncnn  nggntccttc  naactgnang  240
atcctaccna  ggtnacccnn  ggatngngct  tntntaatnc  nntttgtgcn  acccnaata  300
gcngatcct  gaaaganatg  tgccatgtng  ancagggtgt  gttaaagaag  actgcttcng  360
ctccctgncc  ttttgacctc  ccngagttga  aacatgtagc  aacacgnntn  ccatagaata  420
caaggctcca  gntgaagaaa  aagaaacggg  ntctgggtcag  naacaatcag  ntccntntc  480
ttggangatt  cccctnttnt  aatnaaaagc  cctnatttna  ntttttnang  cnttnaattt  540
tttacnccn  caatnttttg  tttgcntaan  atgctttttc  aaggtttgat  aaccctttaa  600
angggggttt  tttttnaaaa  tggactttct  tntgggattt  tnagggtttt  antttggctt  660
anttnaaaaa  aaaagntaac  caaaaaccgt  ttncctgnaa  aaagaanggt  nnacccttta  720
aatnggatnt  tgggcccctt  aancctttca  atgttccang  gnttacctna  cttttangtt  780
ntntcccaaa  aaaanggttn  ctaangtntn  ctttatttgg  actnnaanaa  cccnaattga  840
actttttnn                                     848

```

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4121

```

gnnntttcaa  teganagctc  ttgttctttt  tgcaggatcc  catcgattcg  aattcggcac  60
gagtacatat  ttgtcataat  tacaataaaa  taaaagagc  tatttttgaa  ctgggcaagc  120
tgttttctaaa  tgtatatgga  aaaataaaaa  tgtctccaaa  aaatccctgc  agagggaaac  180
tagcccttcc  agatataaaa  tatattatag  aactgtgtaa  ttaaagcaat  atggtactgg  240
tccataaaag  aacataaaac  caaatagttc  agtagactca  aaatgcaagc  gttggtgagg  300
gtatggagaa  aagggaaccc  ttttacctt  ggtgtgaatg  taaattagta  cagacattgt  360
ggaaaacagt  ttgtagagct  tcctcaataa  aaacacatat  gatccagcaa  tcccactact  420
gggtatatat  ccaaaggaaa  tgaaatcagt  atgttgaaga  gatacttnca  cgttcactgg  480
aaccttgntc  acattggcca  gnacttaaac  ctaaagggtc  catnaaccgg  aagatagata  540
gggctgaccg  cgggtggcca  cgctgtaat  cccagcactt  tgggaggcca  aggcagggtg  600
atcatttgag  gtcagaagtt  tttgaccagc  cttggccaac  atgatgaacc  ccgnttttct  660
aaattttcaa  aaatttagctg  ggcgtatggt  gggcacctgt  nttcccagtt  ctccgaggct  720
nangcaggan  aatgctgacc  cagggaacga  cttgnt                                     756

```

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4122

```

ggtnnnnnntt  gnaatcgana  gctacttggt  ctttttgcag  gatcccatcg  attcgaattc  60
ggcacgagga  aagctcatta  ccagtaggac  ataatttttg  gctctcccta  ttcacaacca  120
gtgcacagtt  tgacacagtg  gcctcagggt  cacagtgcac  catgtcactg  tgctatccta  180
cgaaatcatt  tgtttctaag  ttgtgtttat  tcctggagtg  acatgccacc  ccgaatggct  240
cacttttact  gaggatgctg  tcctctgatt  tagctgctgc  ctccagcctc  tggcttgaga  300
acttactaaa  ggcacttcct  tcctgttaaa  cccctgttaa  ctctccataa  atttggtgat  360

```

tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaagaatg	acnagatntt	480
taaaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cacttttctt	tctagtttct	tggatttttna	gcttaggctg	600
cattctaacc	tcatactgng	naanaccaa	gggtggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4123

gnnttcaaat	cgatagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagggccgtt	gggcgagatg	aagctacact	gtgaggtgga	ggtgatcagc	cggcacttgc	120
ccgctttggg	gcttaggaac	cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	180
agacttccag	gagtcagccg	ccggtccgag	ccttcctgct	catctccacc	ctgaaggaca	240
agcgcgggac	ccgctatgag	ctaagggaga	acattgagca	attcttcacc	aaatttgtag	300
atgaggggaa	agccactgtt	cggttaaagg	agcctcctgt	ggatatctgt	ctaagtaagg	360
attccatatt	gctctcatat	cattccattc	catctctgcc	aagatttgga	taccgcaaaa	420
atttgtgttt	gtggaagatt	ctgctgaact	ctttcattca	agggactact	tccattgaat	480
ttggattntg	tttgccccac	attgggggtc	ttantanana	atttgggggtg	gnncntgaag	540
cacctattaa	tctcttaatt	tctggttctc	ttangctggt	tatgttaaat	tcctccgata	600
tgtaaaaagt	aatgggtgag	accagaaaaa	gaaatttcaa	ttaccagatc	antttgggggt	660
gcattgtatg	attttgcacc	ntcaaaatgg	aattanggga	agaattctgg	ntcttgcttg	720
gaaagganga	tgtgtntagn	tncccattta	natgactcca	aattttntta		770

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4124

gntnnnnntt	tgtntncatn	cagctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	ggaacatcca	gtgcctgcag	gacgtggagc	gctgcctccg	ggacacgggt	120
gtgcagggcg	tcatgagcgc	agagggcaac	ctgcacaacc	ccgccctggt	cgagggccgg	180
agccctgccg	tgtgggagct	ggccgaggag	tatctggaca	tcgtgcggga	gcacccctgc	240
ccccctgtct	acgtccgggc	ccacctcttc	aagctgtggc	accacacgct	gcagggtgcac	300
caggagctgc	gagaggagct	ggccaagggt	aagaccctgg	agggcatcgc	tgctgtgagc	360
caggagctga	agctgcgggt	tcaggaggag	atatccaggc	aggagggagc	gaacccaccg	420
gcgacttgcc	cttcaactgga	tctgccaccc	tacattcggc	cggggcccaa	gganganaac	480
cagganaaag	cagtccccca	aaaagcgggc	cttgnaggaa	aaggangtgg	cacggangtc	540
tgtcttanac	ccnttgcaaa	aggacaataa	tatttaaagt	gaaaaanana	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnntnnan	ntnnnnnnnt	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntta		707

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 4125
 gntnnnnnnt tttatatata caggctactt gttctttttt caggatccca tegattcgtg 60
 cttgttcgtt tctgtgtact tgcttagtgg actgtagcaa cacactcagc ttctccagtg 120
 tcaaccacaca ttggctttcc cactctacag tttctgtagg atgcatgttt tcaccattat 180
 caggcttctg cagtgtctag agggcagcaa taccagcaa ccagtgacct gaggccagca 240
 acttctttta ctccccctc agttggattt gtaacagagt atctttggtg ggacacttct 300
 gtgtgaagag attttactag caccctaaag aatggatttc tggcaagttc cacaaggtag 360
 acttcagta agttctgctg gtgcagcact acagcaactt ccgtgctatt cagtgagagg 420
 actgtgttct ctccaacaag gtctggatct cagccctggg atgggtttaag gtcngangaa 480
 gctnttgctt tggggntctg ngnaaactn agggacttng gnactntnaa nagtctctta 540
 ttcnnatagt naatanctgt tctcaccat gttaatagta gngacctta taagttcatt 600
 tcaatactgg ggttcttcga tgnttcttct tattagacgt gaaatgtgat gtgattgtat 660
 agnatgntac ata 673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4126
 gntntnnntt tgtatannta caggctactt gttctttttt caggatccca tegattcgca 60
 gcaatgtttt gtggctttta ttgtacaagc ttttcacctc cttgggttaag ttagttctta 120
 agtgtcttat tcttttacgt gctattataa atggaattat ttcataatt tccttttcag 180
 gttgttaatt attagtgtac agacatgcaa ctgatttttg cacattgact ttgccagtga 240
 catgaacctg tatgtagaaa accctaaaga ttgcacaaaa aaaatggtta gcttgagacg 300
 taaaccttag gcaaagagaa gtttgtgatt tgtaagaaat ttaaaattaa taggattaaa 360
 aagagagctg tgggccttgt tatgtatttg ctttggaagc cctctaagaa aatttcaggt 420
 caatttttta ttctctgccc tactggaatg cccccagatt atgtgacaat gangtcttat 480
 tttaatatgt ncanaatttg gtnanantgg caatnnttgg gttcnanatt ttccatttc 540
 agaaaattnt ngctttttcn ggtgatgtct taccctcttg ngtgggtccc aagtgagecc 600
 tgatcctttc agatncattt tatatactct ggtggtgatg aatatttnat ctctggcaaa 660
 tactgnccat gctaattccc tggaggacct nggatncaat attattggaa ttntaaatca 720
 aggttaacct aagtcaaaga gtctnanctg ccc 753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(817)
 <223> n = A,T,C or G

<400> 4127

nnntntnnnt	ttntacata	nangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcgagggcc	tggcccccag	ggcgccca	ccagaaggtc	ggagaaaggc	120
ccaaggcgga	tgccacgccc	agcagtgggtg	agggaccac	agatttttga	aacgacctgg	180
acacactatt	gggaaggaga	tgtggacggc	ctgtctctc	ctgcagggcc	caccctaaga	240
atgtattttt	aaacacatga	aataagtatt	tttcaactgat	aaaaaaaaa	aaaaaaaaa	300
actcgagcct	ctagaactat	agtgaagtcgt	attacgtaga	tccagacatg	ataagataca	360
ttgatgagtt	tggacaaacc	acaactagaa	tgcagtga	aaaatgcttt	atttgtgaaa	420
tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaaca	gttaacaaca	480
acaattgcat	tcatttttatg	gtttnaaggt	taagggggaag	tttttgaaa	ggtttttaaa	540
ttcnnngccn	nggnnccaat	tgcnttgggc	ccggttcccc	aanttttngt	tcccttttat	600
tganggggta	attgcccccc	ttgggcgtna	atcatggg	ataancttgg	tttccctggg	660
gtgaaaattn	gntattnccg	tttnacaatt	ccccacaca	nntttncnaa	ncccggggan	720
ccttaaaant	gtnaaaaccc	tgggggggtg	ccctaaatgg	aattgaacct	taacttnaca	780
tttaantggc	ntttnnnct	tnaattggcc	ccntttt			817

<210> 4128
 <211> 684
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 4128

agnnnnnnnn	nnttgaanac	nnnagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggataggct	tagaaattat	tttttatcag	cattaagtgc	ttcaatttct	120
ccccataaag	attctaagga	aattttcagtt	cctcatatta	tagttttccc	cataatttaa	180
tattactaag	tatttctctg	cccagtaatg	ttgatgcagt	ttgcataaat	agccttggaa	240
gtaaggaggc	aggacagaaa	gccaaatatc	gaaatctctg	gccttgattt	agtgacagtt	300
tattctaattg	gggaccatag	gtgttattag	taaaaagata	gtgtacaagg	cctaagttca	360
gtttacattg	ttctttgaaa	tgagttcatc	ttttgtgttg	aataattgta	ttctaagtag	420
gagatgcctg	tatttaacat	aatcatgctt	tctatataat	caaatatgta	tttgntggaa	480
tactggtaga	aataccttcc	ttcctcnttg	ccanggaaaa	aaaactcccc	attatncngn	540
tataaatagg	aattttgtaca	tattacattt	taaaatttaa	atgcatatat	ttgaaggatg	600
gatatagtct	gagctatgct	gcttaattca	ctcctggacc	gncaatgttt	tatatggctg	660
ctatgctggt	acngctgat	gnaa				684

<210> 4129
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4129

acganagcta	cttggtcttt	ttgcaggatc	ccatcgattc	gnnnctannt	cgagaagagg	60
tntggtgnacc	tnctgntgcn	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120

```

ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc 180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg 240
ngtcntccta cccaagtaaa agntaccttg gcnatnntac cnccgntttt ntcactcncn 300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn 360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc 420
ctacnaagggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt 480
taanntttnt tnaactntnaa ngcaaaaatt ttttgaactg aaagggtcntt aaaggcnttt 540
ngactcttca tttttcaa at tngggaaaac aatgctcaaa agagttntnt tnaacttngt 600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt 660
cactggtntc tgcanttttt tcctaagtna tttntnnggg attatttnat ttcaaccaa 720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc 779

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<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

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acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg 60
tntggtnacc tntgntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg 120
ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc 180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg 240
ngtcntccta cccaagtaaa agntaccttg gcnatnntac cnccgntttt ntcactcncn 300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn 360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc 420
ctacnaagggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt 480
taanntttnt tnaactntnaa ngcaaaaatt ttttgaactg aaagggtcntt aaaggcnttt 540
ngactcttca tttttcaa at tngggaaaac aatgctcaaa agagttntnt tnaacttngt 600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt 660
cactggtntc tgcanttttt tcctaagtna tttntnnggg attatttnat ttcaaccaa 720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc 779

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<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

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gnnnnntttn aaannttttt gaaanccttc ttnncccttc aaancgcttn cgaattcggc 60
acgagcactt gtcaggggag aggggacagc aagggtgggag gttgaagagc tttgaggctc 120
agcagcatgt ttgtggcatt cgggtggacac catggccttg ggcggctgga cagggtttttg 180
tgatgtgagg gacacgcatg gggcacatgg taagcttggc aagggtctca ggaacgctga 240
cgaagggttt taggaccccc acccccatgc ctgtaccagg gctggcctnc agagcgggtg 300
aggacagagc agctgtgggc ttttcattct gaggtcttgg cccccctgcc accgcaaggg 360
actctttgct tgtcagggtc tgcaaaaacc aaccttcgag aaagaaaagg gaactcttca 420
cgttgaatgt tgactttgtg tgtatgcctg tgtgtgtgtg tgtgtgcacg cgcgcgtgtg 480

```

cgtgtttact	tcatggaatt	ttgtttttgtg	aaattcccct	caatcgtgtc	agaattttacc	540
ttcatgcccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	catttgaang	600
actctcttct	gcgtttccta	acagttatct	gggtggtctca	aaagttgang	ttgtggaagg	660
gttggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	atttnaaang	720
canggaaggc	ttaaccccgg	cccaaaactt	ncaggcct			758

<210> 4132
 <211> 1335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1335)
 <223> n = A,T,C or G

<400> 4132						
gccctttcta	antgctnaga	cccttgtact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcna	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatncccaca	actttntgga	naaccnngg	gcncanattg	240
gttggtgaaa	aatgggggtt	tagatgggtt	cgnggaactt	gnagggtatg	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccctt	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttgggaattg	420
ccccctcan	gttncatnna	aacggggatt	tggaaatttt	ggaaccccct	gggggnnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aaggggggcc	ccttggcctt	ttaacggcgg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	gggggcccnc	ctttntntaa	ccnccanna	cctttncgga	gtttencant	660
nccecntggn	gncctaaacn	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nanttttaagn	cccccccnt	tgggaaaatn	tcccccaan	ngngnannng	780
ggngngcccn	aaatttttnc	nncgnnccnt	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaaat	tnggggtggg	cccctttcta	anggtaaaaa	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnncttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcnccn	gggnaanata	aagggtaaaa	atcncccngg	1020
ggnnccctta	aggnnttttt	naaagggaac	nntaaanccc	cncccngggg	ngnnaaattc	1080
cttgggcttt	tacncccnt	ttgngccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaacccccc	antncccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagntnt	ttgnacaatn	ttngcncgaa	aannnggggn	1260
gaactnaaaa	ctgggaccaa	antccnccng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (848)
 <223> n = A,T,C or G

<400> 4133						
ggtnnnnatt	taanntnagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagggnnc	ctgcaagggc	tgggtgtggaa	acaagcannn	tngntgcntg	aagcaaaagt	120
nanacngngg	tgtnnactgt	tgatgtgacc	ccacaaagtg	tnggaaccgc	catcaaggcn	180
nggntagctn	gggcactgtn	gancggaccc	anaattncnn	nggntccttc	naactgnang	240

atcctaccna	ggtnacccnn	ggatngngct	tntntaatnc	nntttgtgcn	acccnaata	300
gcngatcct	gaaaganatg	tgccatgtng	ancaggtgct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggctcca	gntgaagaaa	aagaaacggg	ntctggtcag	naacaatcag	nttcctnttc	480
ttggangatt	cccctnttnt	aatnaaaagc	cctnatttna	nttttnnang	cnttnaattt	540
tttacnctn	caatntttgg	tttgcntaan	atgctttttc	aaggtttgan	aaccctttaa	600
anggggggtt	tttttnaaaa	tggactttct	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttnccttgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaaa	aaaanggttn	ctaangtntn	ccttatttgg	actnnaanaa	ccnaattga	840
actttttn						848

<210> 4134
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4134						
cntnnttgnn	cnnnnnnnng	ggggntttgc	antgcggnct	aatggctnng	gctactngtt	60
ctttncgcag	ganccancg	attcggaaaa	tataggcctt	tattgtcttt	aacattgaag	120
taactttgta	gttttattca	attatgagcc	agcagatcct	tagtttaggc	ccttatattg	180
cataccta	tagaactttc	cccaaagtgc	aactgcatga	ccttaatgta	ttggagcacg	240
tcttacaggt	ggacttaaaa	ctctagaatt	tcctgagtcg	ttgttatttt	ccactgaagg	300
tctttccact	gtacagcatt	tcaggcatca	tcactatgat	tcttttttct	tgactgttgc	360
ttgttttccc	actgctcttt	tccccaatgg	cgagctgggt	gtgccatctc	tggggctctc	420
ttataggaac	tcacagtcta	gcctactgta	ttttgttttc	ggagaagtga	aagtgaacac	480
tgttatttgc	catcacacct	ccatcaagaa	tttcacttca	ctaggaaata	tatgggcctt	540
tcattggaact	gatgattact	gtggctgatg	tgagtgttgg	gcttangatg	ctcacatgtg	600
gtagttggaa	gttttgtaat	ctaagatgga	aatgagtggg	ccatttaa	ggccatctaa	660
aggtcacagt	gactgcanaa	gaagtnagaa	gagagtataa	ttcttcagct	ccctggactt	720
ccatangaaa	gctngaaaat	cttatacca	gattacccaa	aaaaaaaa		768

<210> 4135
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 4135						
gnnnnnnnnt	tncgngtggg	cnnntaggtg	ggggntttct	nttttactna	tagctngtgt	60
actcgttctt	tncgcaagat	cccancggtt	cgaattcggc	acgagggnaa	cctttcaatc	120
actttaacta	gtcncttaag	gactctaggc	ccagaagcct	ggtttctggg	tgaatgtttt	180
tatacatcac	tcaacttccc	tcgtcctaaa	aggacaccta	attttgttac	tattgaaaat	240
ttttattttg	gtggccagaa	tacgaaatcg	ggagaggtaa	cccaaacagt	tgtcttagga	300
aaaggcagat	tctcagaggc	aatgggctat	caacaaaata	ggtgctaagc	acatttgttt	360
gtaatgatca	ttcatataat	ttanaagatt	tatggtaaca	gttttatattc	attatccata	420
cagttctatt	tttgcaaata	gaataaccac	ctataagcaa	acagtgttaa	tgagaaatat	480

atattgtntt	aagaaaatag	catataccac	atgaaaaaga	gtgttccctt	tctntttttt	540
tttttgccag	aaatcaagt	tggaagnctt	gatcaaagta	aaactaccta	tttgaactgc	600
acanataaaa	ctgggggtgcc	caatccntat	tttacatttc	tngggcttga	ttcatataac	660
tttgtaanaa	aaaagttnac	tattnaaaaa	gtcnngtgng	ccttcacttt	tgacttggac	720
ttctattccc	ctttttgtcc	tgggattnct	tttccctacn	cnatttctnn	aaatnttatg	780
aaangggcnt	ntntncnn					798

<210> 4136

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 4136

gaccccnttc	ntgattgggn	cnnaggtggg	gggttttccct	ttttactaaa	tngctngtgt	60
cntccntant	ctnctnanna	nnnagagcnn	agtccctcana	cagcncgnag	ccccantagc	120
tgggectaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gnngggggaga	180
eggggnnttt	accatgtttg	cnnecccgng	gtgncncngt	ggtcannnct	gnngaccanc	240
tnttncgggn	canancncnc	cggnetcnnt	atcccnccnc	aggnccncng	ncnccntnca	300
nnntgaann	ccncccccn	ctennancta	acnngnagcc	acngccaant	tcnnntntnn	360
cgtnncantt	tnactacact	tnttcnnttc	ccntnttcca	ctctnnngnc	ncnnncnnnc	420
nggtctnant	ncntncttc	ttntatagac	gntcatcacn	nccaccncca	annttnnctt	480
cancataatc	ncntntanc	tncanccnn	anntacggcc	tcnntctccc	nccctnttc	540
tcacncttan	ttctnctctc	ctctcgcccn	tnctnngccn	ncctccnctc	cccctctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catnnccatn	ccaccacctc	660
ancntatctt	atnatcttan	cntccctctc	tcctctnctc	atcactgttc	naacctnct	720
cacancannn	atctctcttc	acannttgct	atcatctana	tctctntctc	ntctcacca	780
nanccnttac	aanntctttc	ccctctcnca	tctcncttca	ctctnnccnac	nntnacnct	840
taccgcacgc	ctccnctctc	accttcaactn	ccccactntt	cantntcgnc	ncgnetctnn	900
gacctctctt	cnccncttcc	cannntcttc	ctcctaccna	tnntcnatcc	tcnntcatna	960
ctactntntc	anctaccana	noctnctent	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cnccnnccac	tttctctctc	cnntangtca	cctaccaanc	anntnnatct	1080
nntattctan	tcnantacnt	tacct				1105

<210> 4137

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4137

nnnttttntt	tnttgngnn	gnnnagtnng	gggttttncct	ttttntnaan	ngctgcgcta	60
cttggtcttt	ttgcaggcat	cccatnccat	tcgaattcgg	cacgaggaga	tccaagtggg	120
ttagaagggg	atgattgctg	gtgaagggtc	tgaacatggg	gacagggtggg	aggctgagca	180
cacactcgta	caccgctggc	aggaagagaa	atgacttttc	tggactacaa	tttgagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctctgagg	aaactagcat	ggatgttcac	attcagggtg	ggggatgttt	360
atcaatttgc	tatttttagaa	aagagaaaaa	aagtttagca	tgtcacaaga	taattttcat	420

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caatatatgg tacatccatt tagtgaaatg ctgtacagcc atttaaaaag atacagaaga      480
ggccaggcac ggtggcctta cttggctaata taaaaaaaaa aaatctgtag agatggggta      540
tcaccacgtt gccacggctt gtctcgaacg cctgggctca agtgatcctc ccacctcagc      600
ctaccaaagg cctctagaac tatagtgagt cgtattacgt agatccagac atgataagat      660
acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg      720
aaatttgtga tgctatttgc tttatttgtg aaccatttta agctgnaatc aaacaagttt      780
ncnn

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<210> 4138

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4138

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ctntntnggt cctnnnnngnt ggcttttctaa tgcntaannc tgntgggtctn gttnttttctg      60
caggacccat cgattcgaat tcggcacgag gtggtacctt ggcttttaggt tttcattcgc      120
acggaacacc ttttggcatg cttaacttcc tggtaaacc ttcacctgca ttggttttct      180
ttttcttttt tctttctttt nttttntntg agttgttgn tgnnttttaga tccacagtac      240
atgagaatcc ttttttgaca agccttggaa agctgacact gnetcttttt cctncctcta      300
tacgaaggat gtattttaa tgaatgctgg cantgggaca tttngtcaac tatgggtatt      360
gggtgcttaa ctgnctaata ttgccatgtg aatgttgtat acnattgtaa ggcttatgtc      420
actaaagatt tttattctga ttntttcata atcaaaggtc atatgatact gtatagacaa      480
gctttgtann gaagtntang ancancnatt tctgtacctg atcaagttaa ttgcancctt      540
tcttttccna ttctttcnt ttaagggtta gtattancaa atggcaatga gtcnaaaagn      600
tancatgaag attttnnaan gagagaactt accggacaca gattngtgan nctttgactg      660
gggacaccta ttggatgtga ttcttaaaaa gcttttnatt ggagccattt ngccaaaatt      720
ttgnaaanct ttcatagggg gnattggacc nttattatcc natnaatncc ccttcctata      780
ttnc

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<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4139

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tnngnnncnn nnntggggnt ttcaatnttt cnaantngnt ctngttcttt nngcaggatc      60
ccatcgattc gcaaaaagcca ccttttgttc gaaactccct ggagcgacgc agcgtccgga      120
tgaagcggcc gtccccaccc ccacagcctt cctcggtcaa gtcgctgcgc tccgagcgtc      180
tgatccgtac ctgctgggac ctggagttag acctgcaggc gacaagaacc tggcacagcc      240
aattgaccca ggagatctcg gtgctgaagg agctcaagga gcagctggaa caagccaaga      300
gccacnggga gaaggagctg ccacagtggg tngtggagga ccagcgtttc cgcctgctgc      360
tangatgct ggagaagcgg nagatggacc gagcggagca caagggtgag cttcagacag      420
acaagatgat ganggcagct gccaaaggat tgcacaggct ccgangccat agctgtnagg      480
aaccncaga ngttcagtct ttcangaaaa gctncatgga gcnaatcctt ctgcctgatg      540
aagtgcattc cagcatcact tcagctgtcg gggcatttgt ngggagaacc agaccacctc      600
tgcggaangc agcanaccct tttccagcca tggatngagt ttgaattctt ctataaacng      660

```

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ntcaccatca naccacccaa ttcatttcca ttgctttgcc tatagaggaa atttannnaa 720
tcanattnaa tgggtttcact ttattttnaaa ancnnnnaac tctaaaaact ntggncct 778

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<210> 4140
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 4140
tggttttctt gntgggggtg tcttnttnc aattatgtgt tctcgatcnt gtngcaggag 60
nannccngcg ntggccggtg tgttgcccag actggncctc acctcctggg ctcaagtgnt 120
nctcctccct cagcctcccc aagtgcctgg attatagatg tgagccctcg caccagacaa 180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc 240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgcg 300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata 360
aannaaatgt ntncctgnact gttagantac atgagggtca gagacnttat nagtntgtaa 420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacaccct 480
ttnacaaaat ngaggnncac anatgaaatt ccagttanag atcataangg tgtctgcggt 540
gacccttagt nattncctnn cgattacngg cgcnaaattt aacgatganc tnnagctca 600
nnagntttgg annatttnng ctnaaatgct ctctgggaca ctaccatact tagcatatnc 660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc 720
tatgatctaa cgtttnattc ttttcacaca ttattattaa tn 762

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<210> 4141
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

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<400> 4141
tggttttnng gnttgggggt ttcaantttt gctaanagct gggctactng ttctttncgc 60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaag 120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagagggtg 180
caaaggaaaag aataaaaata tattttcatt ttcttctggt attcttagat cctttggtag 240
attgtaaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg 360
ttcanggtgg ggtggtgggg aagggtgngg nnttncgtat atccgaaatg ttncctcatn 420
naangnattt nnagcaagtt tangaangan ttttgctnaa tgaaatngnc anagaacat 480
naanttncat anatgccnat gcctnaaagc ngccttttga agctttatct taangntctc 540
acccttcata acnncetaac gnatnacntn tttccttanc tttggnattn natannnaac 600
atangctcnn cgtttattca anantccana acctnggngg gcnnttatan ttncctcctn 660
nccnnaacct ttggaaantt naancctggn ncnttttncc atttctctc ttttttanca 720
natanatann ncnnctnntc ttctnttana nntnnnctcn nnnennctnc cntncnntcn 780
cttttnntnn ncannntnct cntctannn ntttncntnn acannctnnc tantnnntnn 840
ngnntnctcc ntttntntnc
860

```

```

<210> 4142

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<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142

nagngcnntt	nnggtggggg	tttcnaattc	ncnctaaaac	tggggctact	cntnctntcc	60
gcancaancn	ngcngntcga	attcggcacg	agaagggaga	ggcagtagga	ctaggagtta	120
aattgtcatg	ccgaggtctc	tgagcatggg	tgggcctgtc	agaattgtca	tcgctcactc	180
tgttgacttc	cagcagctga	caggcaaggc	cctaggaagc	tcttcagcct	cctttccttg	240
ctagaggtgc	tgttttccct	ggaaatgttc	aagccctgca	aatcgtttct	atagtaacag	300
gtctctgtct	tttttcttat	gatgcagatt	tttgaaaagg	tttcttatct	aaatgttctt	360
gggatctatg	gtcttctctac	ctgtagctcc	tttgattaga	cagagccttt	atttaaagac	420
ttttccccc	aagaatgttg	ntggtgcttc	taccaaaata	ataaccantn	gntagtttta	480
ctagtgtctg	aagttntagt	ttattaataa	agcttcatnt	naactatnaa	aaggantggg	540
tgngtacnaa	tagtaatacc	ngaaaaaact	aatattcact	gntnctctca	tgtattngnn	600
aactttaatt	nttnattatg	naaaaaccttc	aaacataana	gtagtcaaaa	ttatataata	660
gacacctata	tacttaccac	ctanattgaa	aactaacatt	cttgccatat	tggcntacnc	720
tattccatac	tgatagtaaa	ncntagacca	tgtatttaca	nn		762

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4143

attntacagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaaaagggtg	gccatgtgag	60
aaggactcag	caagactttg	ctggcctttga	agatggaaga	atgtggccaa	aagcctaggg	120
atgaatatgg	cttctagaat	ctataataaaa	caaggaaaca	ttatttccca	gagcctctag	180
aaggactgcg	ttttgtcttt	gcctcgggtt	tagcccagta	agaccattt	tagacttctg	240
atctttggaa	ttgtagggtta	atgcatttat	attattttta	gccactaatt	tctggtaatt	300
tgttacagca	gccgtaggaa	attaacatgt	aggaaaataa	acgtttcaat	gcccagggtat	360
actctgaggt	caagccagag	aagagttggg	cagagacttc	aaaaacgatg	aaggaggggt	420
taggaaggtc	ctagcatcag	tggaatagaa	taaaattact	cttattaaga	ggggaacctn	480
accnttagng	ganaaatnct	gnaaatgggt	ctgagacaaa	atgcnttana	gcaactgggtg	540
ctagaaaaat	caaacatagg	agatttagga	anatggangc	ttgcaatgaa	ttatgattgc	600
atcactatat	ttcanccctc	atccctgtct	tccagaaaaa	aaaaaaatng	gggatttnaa	660
aggtttattg	gtncettaang	gccagcccnt	ttgaaaaanc	cattgggttt	tggnaaagga	720
aaaagggcca	attttaaang	ggacctgtnt	tngtaccagg	ctttgttgna	tttgggaaaa	780
aaa						783

<210> 4144
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
<222> (1) ... (1063)
<223> n = A,T,C or G

<400> 4144

nccccntnnn	naaggggggg	tgggggggtct	caactngcta	gcggtgtgna	cnnnaactn	60
gccnaaaaga	aggntggggc	natccngcac	gagntgacgg	ngcgggntcg	ggntttgntg	120
nttgganana	nccttccnat	atctccagtg	cggganncac	tatctggtat	ctctattgac	180
ctacgggang	ctttcctnag	tcantcgcta	cncactgna	ctangngana	ccacgcnacn	240
ntacncttan	atnctcnng	cacatctgaa	ntcacnngga	ngnttagtnc	gcagcgnccg	300
nntccacann	ccnngatcac	gcgcctctnt	nnchnaananc	atannctcac	ttgntgttnc	360
nccgnntann	ttangttngn	ccnnaacaaa	ncttacnncn	ttntcagnan	nactccacct	420
cttccnccga	aactnnncnn	acngnncatn	nnancnngct	tcnngcnct	nnnnnnnngc	480
ngnnccannt	nntnaatngc	cntcnctca	acacgcccac	accttaenta	tatncctttn	540
accacncttn	ncnnancct	ctaccncccg	antctctgtt	ncceccatnt	cnanttctnc	600
tctcnacn	cncctctct	ncnncctca	ttccccctnt	naatngnnc	tncatcnac	660
nacnttgnat	gaentcttct	cnnccntacc	naccnctct	ccaactnct	ctggcaaaa	720
nntcctcn	ttcatatact	antnnntatc	tnccctntgn	acnntcttnc	ngncgcaaaa	780
ntcanctct	acacnnnaca	cntnnctct	ncgctngcac	ctatctactc	aactnctatg	840
cactcatcgn	nnncaanac	tnacctcnca	aactctntnc	nactncnca	nancccccca	900
cnnanacana	ngcgnaana	caccnncaca	nangggcgata	ccttatnac	netcnngancn	960
nanatcnccn	ctctacnenc	nancatncac	gtntctcnct	atcatcngcg	ntcnncnaac	1020
tcagcagttt	annacnccat	actnnctnca	ngggctcaan	tat		1063

<210> 4145
<211> 996
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (996)
<223> n = A,T,C or G

<400> 4145

gcncctttgna	annttttct	aatgctgggt	ttgctacgga	aacccttgge	aaatccggca	60
cgagcttct	gtgccagggg	accgtggaga	aagtgtcagg	ggccgctcac	tgcagcantt	120
ttgctctgct	gcctnccng	gcagcgtnt	gngggtngt	caccaaana	gctgggtgtn	180
cgnggggggt	gcttgnaatc	ccanatactg	nangangctg	aagctgcatt	atcgcttnaa	240
ccnggggggn	acgangangc	canggagnca	aaatgggggc	tnntaganca	aaactttgtn	300
tcanaaaan	aatgaataat	nanacaagaa	aatggganaa	gccccataa	cttacnnngt	360
ntctcttggc	cnaangcaaa	aactccactt	gnaaagccan	ganaaaacgg	ggnaananca	420
aaacaaanct	atcacntgga	ccnnnaaaca	naaaanccaa	ggattnnct	ttcccnaaat	480
tggantnaag	attcaatgga	catggnacnn	aaaaatncag	nggtaccgga	actcngana	540
ngcnntacag	gttgcncaaa	aangaaaccn	naaaanncgg	ggagnnttn	attaaagggg	600
ggnatttncg	cncantttta	agggaaaggg	ccacccaagn	attnagnac	aacacnntgt	660
tgacgggaan	tccattntnn	gcgaganaaa	nggntgntac	atccccatt	ntanaaaang	720
gcctnaaaaa	aaanatnttt	nnaaccncac	naaatcnttt	ancactaggg	gatttcnaaa	780
aantagccnn	nnnnaatatn	gggggaaaaa	aaaancgatn	nnaganatca	tacnngaaa	840
aaccnngggg	tnattngana	ancacnttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagncn	ganagnacat	tanaaccctt	tggtganaaa	aaccccaagn	960
angncccaa	anaggattgg	ctnnaaaaaa	aaaang			996

<210> 4146
<211> 783
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagct	60
aagcccaaaa	acgaacttca	aactgggtgt	ggtggcacgt	gcctttagtc	ccagctaccc	120
gggaggctgc	ggcaagagga	ttgcttgagc	ccaggagttc	gagtccaacc	tgggcaaaag	180
agtgaagccc	catctctaaa	acaaaaaagg	taccttagaa	ggtcacctgg	ttggctaacc	240
ttttaaaggc	aggggcgtga	cacgtaggac	acattgggaa	tgtcttggtc	actacatgta	300
gccttctggg	atatatgtgc	ccagagggag	aagcactgag	cctgaagaaa	ctagatgagt	360
ctcagaacca	cagaccggcc	agaaatctct	cccaccatta	tatcagcgtg	atacaggtct	420
acattcattt	ctacaaacag	gaacaagttc	cttgcagcaa	taatttantt	tattaacttg	480
gnttttttaa	ttnacccttc	cttttgaggt	taantttcat	cacattatgt	tcaaanattc	540
ccatatnttc	cgtaaaatta	ccagcttaat	tacangggca	tttgttccca	ttgggttant	600
tnaaaaatca	ggangtttat	ttaaaaaatn	cctgagttct	ttaagggctt	ggctttaacc	660
ttttcaantt	tccacctggn	ccttgtnana	aaccagttca	agcttggaaa	accaaagttc	720
tttnatttgg	ngggtcantt	tcttgncaac	ttttttggac	tttgannccc	ttggacanna	780
ctt						783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa	acnnnagctc	tngttctttt	tgcaggatcc	catcgattcg	cccggaagca	60
tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	tgggaaggctt	120
cctctttgaa	gctgatttgg	gaaggaagcc	accagctatc	ccaataaggg	ttctctaatt	180
gccaacatga	ttctaggaat	tatcattttg	aagaaaagat	acagtatatt	caaataatacc	240
tccattgccc	tgggtgctgt	ggggatattt	atttgcactt	ttatgtcagc	aaagcagggtg	300
acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttggtgtg	gtggttacta	360
ggtattgggg	cattgacttt	tgtcttctgt	atgtcagcaa	ggatggggat	attccaagag	420
actctctaca	aacgatttgg	gaaacactcc	aaggaggctt	ttggtttata	aatcacnccc	480
tttccaattt	tccgggtttc	gcntnnttgg	gnttnccgaa	tttnttnnac	ccatgccant	540
tcttattcaa	ataaagtcct	gaagttattt	tgnaaattcc	ccgntcattc	ggggaaatgg	600
accccttgcc	ccaatcaatn	gtggggnttc	ttaaccttcc	cttnattgga	aaccattnat	660
tcnacctcaa	aacccccctt	tnaaccnctt	gnngccaact	tggcttgggc	accttggttt	720
gggctttcaa	ttggggaacc	tttaatgggt	ccaccnnaag	gtggtgggaa	caaccctagg	780
ggacccccca	aaaaagtggg	gccctcanaa	nggacancca	tnaat		825

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)
<223> n = A,T,C or G

<400> 4148

tttnaaancg	ttagctctng	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggagggtgga	caactgcaga	tacacttact	120
cggagtggca	cagtttttact	cagccccgtc	ttggtgaagt	gagtttttct	aagtggccta	180
caaatctatt	ttaatttttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatttt	tcctcaattt	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctattt	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatggct	ttgtgctaata	420
atttcccatc	tgacaacttg	taccttagaa	acaaaaaatg	tggtaccagc	aanaccacgc	480
attgtncctt	tacttttgnt	nnntntnggg	aaanaaactt	gacccccatt	tttaatttgg	540
ccttcaantt	taaatggggg	tgcnatgntn	actttttcag	cttaaaaant	tttgaaaagg	600
naaaagtant	ggactttttt	tanaaatgga	acaccctgtt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatttat	antggtgaat	ggtttgaaac	720
cggaccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaaatn	aa					792

<210> 4149
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (802)
<223> n = A,T,C or G

<400> 4149

tnnntttcaa	atncnaggct	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagnnag	ctcancnnat	gtatnttgnc	acttggggagc	atcatctttt	caagggccac	120
tttgagggtga	aatggntntt	ttacatactn	agcatcaatt	tggnccataa	atcaggagac	180
attcaccctt	ctccacccca	atttccaaca	tccccctcct	tgnagagaga	gcactntnga	240
anccactgag	cccnatagcc	ctagggccta	naccactatt	ncaaaaangga	agacttttctn	300
atnactatga	canacacca	nnctggantc	ctctgcctgn	actnaaagct	ctaaccacca	360
cctntttttc	cagtgcaca	ccttntactc	actaaaaatt	tctntccact	caaactagcc	420
tggtatgcct	tccttgaacg	gggcttgtgt	nttcccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aaccccnttt	cnncaggcca	gacaaaantgc	ntnanttntt	tcnnacacgt	540
aaaatgaaag	gctcttgngg	tnentnaaaa	ggcctcttan	aaactattgn	ggagtctntt	600
ttncggtttg	aatccanact	tggattanga	ttccattgga	tgaaattttg	gnacaaaacc	660
ncnaacttnn	naatgccnnt	ngaaaaaaa	atggctttta	tttggggaaa	atttggggaa	720
ngcttnttgg	ctttaatttn	gnaacctttt	ttaagetgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (788)
<223> n = A,T,C or G

<400> 4150

ttnnttcaaa	tcgctaggct	actcgttctt	tttgcaggat	cccatcgatt	cggaaccttt	60
gaatagtggt	tgtacatata	gtttttcaga	gctgggtgtt	aataacaata	tttttcattc	120
taatattaca	ttattctttt	tatcatttag	gtcttttatcc	gtcagtggtt	ttagagaact	180
actgcacttg	accacaaact	gataaatact	tggtactgcc	ccatctcact	gttctgttta	240
ctttgtctta	aatatctctt	ttttttttcc	caggcagcta	gtacaccact	gaatccttta	300
agctttcagt	gtgaatttgt	aaaactcagg	attgaccttt	tacaagcctt	ctctcaactt	360
atctgtactt	gtaatagcct	gaagacaagc	ccaccacctg	caattgccac	aacaattgcc	420
atgaccttag	gaaatgacct	ccagaggtgt	ggtccgcata	tccaatcagg	catgtcttaa	480
cttttagtgc	attttttatt	tanccctttt	aaaggntttt	caaattttan	natgaaaagt	540
ttgnaaaatt	tnaaaatcag	ngggtttgaa	ctcanaacat	ttttcataaa	atgtttaatt	600
cactcaactn	gncnnggctt	aaaaaaatag	gctggatggn	gttattanga	aaagataaag	660
tggtttcatg	gtaatctcaa	tggggggcta	ccataattta	ttttaaagag	aaanggneng	720
atttttttta	aaaccttgga	naangtttat	aacttaaatt	ttttnatngg	aacttgaaaa	780
ccctaaan						788

<210> 4151

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4151

tggnnccnna	agccctttgc	nacttnttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggagt	tcaactgcaa	catccgggca	ccttcaaagc	agatgggtctg	gtgcagccgt	120
cctcgtagca	aggagagggc	cgtgggtggtg	gcctgggaaa	ggcgggtgat	ggtgggtgggc	180
gatgcacccg	agagcatcca	gtttgtgctg	gatgaggact	cctacctggt	gcctgagctc	240
gatgggggtcc	gcattcttctc	ccgcagcacc	cacgagttcc	tgcattgaggt	tccagcggcc	300
agcgaggaaa	tcttcaaaat	tgcttcaatg	gcccccgagg	cgtgctcct	ggaggctcag	360
aaggagtatg	agaaagagag	ccagaaggcg	gacgagtacc	tgccgggagat	ccaggagctg	420
ggccagctga	cccaggccgt	gcagcantgc	attgaggctn	caagacatna	ncccaacn	480
gactncccaa	aaaattntgn	tcangggccg	cttcttttgg	aaaggggttc	ctggacagat	540
ttccacccga	aaagcttctn	gcacattgtg	tcaaggacct	gcgtgtgtctc	aatgctgttc	600
gggactntca	cattngggat	cccgttacct	attgccaatn	taacagggtta	ccttcaagtg	660
ctgctggaaa	gctctgttgc	ggaaatttac	ccctggcata	caatttccaa	tnctgcnctt	720
ctaactcaggc	ttacnggact	ggccct				746

<210> 4152

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4152

gnnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300

tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taaggtgatg	gtcaatcagg	acagagctag	tcagcaaatac	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcntcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttggtt	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnnnntttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taaggtgatg	gtcaatcagg	acagagctag	tcagcaaatac	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcntcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttggtt	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnnnnttnag	ntacagctct	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaagt	ccattttgtt	gatctcgag	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaaagaa	ggcatttcta	tcaactgtgg	acttttggca	cttggcaatg	180
taataagtgc	cttgggagac	aagagcaaga	gggccacaca	tgtcccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatag	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gactttatgg	aaacgttaaa	caccctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aaggtgatgg	tcaatcagga	cagagctagt	cagcaaatac	420
atgcacttcg	tagtgaaatc	acacgacttc	agatggagct	catggagtnc	caaacagggt	480
aaagaattan	ttncnaaaa	gggttttggg	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacggttg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgccana	660

cangtgaagg aaatgaggag attagtaata tgatcatagt nttttaaaga aatcgaagat 720
ctcanggcaa attttttagaa gtgaacctg atga 754

<210> 4155
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (773)
<223> n = A,T,C or G

<400> 4155
gnnnnnnnttt nngagggggn tttggggggt tttcnaattt ttctancgng tgagganctc 60
gaactnnccn aaanaaan an gcggtcgaa ttcggcacga gatttgattt aaaaaaggag 120
aaatgttcac actcagtcta gaccacttag gtatgcagag ttgcatcctg aaagcaattg 180
ctcacacttt ccttaatata ctccctntcc acctttgcaa aaccttgatt ggcatggagc 240
ctcnactgct tgcattgtat acacatgtaa taagaaagca ttaaactctt tggaaattag 300
gaattgacaa gataaataga taaggcataa agccaatttt tcacacatgt ccttaggctc 360
ttgtaaagt gtgcctgggt ctgctttgac ttncagggtc cgggaggctt tctctttctc 420
tctntccca angtgagggt ggcaagctat cagnctctcc agagcaaaga gaaatggcag 480
gagaattgac tgcgtgaacc ccacagggcc ggtagtggaa aaataaatgt cttaaattgaa 540
agggtcacac tngtgtanat ggtgactgtc ntgcttgcan cagctgagga caccgactgn 600
gtgtagcgag tgcctgctt ttcattgttca catctggctn aataaagaan tcacgaagca 660
nacctngcct tggctnaaac cctntgngct ggacacaaat gactttgatt ncaaactcaa 720
gtccttggn ngtgcacaaa ggacnaacc ctggctggga caaaanccta cna 773

<210> 4156
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (773)
<223> n = A,T,C or G

<400> 4156
gnnnnntttnn nnnnttttnn nnnngttntt gaccanaggt aanacnnngg gaattnctct 60
ttctgcagga tccntcgtat tcgaattcgg cagcaggcag aaacaatagt caggagtgtg 120
agattnggct gattaacatg gtgaaacccc gtctctacta aaaatacaaa aattagctgg 180
gtgtgggtggc ggggtgcttg aatcccagtt actcaggagg ctgaggctgc attatcgctt 240
taacctgggg ggaggagggt gcagtgagcc aagatggggg caataagagc aaaactttgt 300
ctcaaaaaaa aataaataaa taaaaaataa aatatgtcaa gccccttctc ttctgtctc 360
ctctcgtggt gtgtacttga ctcccccttct cgccagatct cacaggactt tcagatttaa 420
gcaatacctg gccaaagaaac aaaagcaaaa tcattccatt cccccaagtgg attcagatca 480
aaactggtaa taaaatcagg tcgactccaa aaggagacat tggagaagaa cgaagcgggg 540
tctataagga attgcacgtg agatggcaca catatttatg ctgtgtgagc attacaatcg 600
cgttaccata tcaagctgaa aatgtcacca ctatctggag tgttggaaat gtttattggg 660
aatatgtntt ttctctgaat ctgctatgaa cagctnaatt ggggtgggtc aataataaat 720
atgtgagact tttcatttca aaataaaaaa ggcaaatgat gtaaaaaaaa aat 773

<210> 4157
<211> 809
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

cnaanttttc	taatgctgnt	tctatncngn	atnctnggct	ancnaccnac	nnnggatncn	60
aattggcacg	aggcttcacg	agagactgac	ngctatnacg	ggtcgtggca	cttaangagg	120
actntttctg	ccccagnctg	tgctgatgac	acatacacac	ctgacaatag	ctngngtntn	180
ctctgnncct	ttnnctctgt	naccancatn	cacnngatct	aaaacccttt	ctnaatatct	240
atcntggntc	atccttggcc	atgcagnctc	agagctntat	gnacttnatt	acncttnncc	300
ttngaacttn	tnntnagnta	cngataangn	gctatctttc	agctggatga	tnaacgnttt	360
nntctgtacg	nacatggacg	atgntttcct	caaaccctta	naactataga	ccagtcactg	420
ntacntntan	ccagacatga	ttnnatacat	cnatgagtna	gnacaaacca	caactanaat	480
gctgtgaaaa	aaatgctgna	tntgatnaaa	tatgaaatgc	tatcgctata	ttnccttcnn	540
catangcngc	ngtnntcatt	tagcaacaac	aattgcatcc	attaaaaatn	ttttaaggna	600
cantttggan	ngtcccccaa	tnntggngaa	atncnanggc	cccaaatgc	cangtgcctt	660
tananacccc	ggggacccca	accttttnga	aaagcgcttc	acaanaaggg	gtnaaagttn	720
nanncgcttt	ggccnnnaaa	anaaacnggg	naataacctn	ggttaaccct	gnnntttnaa	780
actngggntt	ttncnnnttn	aaaaaaaaa				809

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

ctaanagt	ttt	entaatg	ctt	ncttcta	taata	ncntaatt	ac	tcagg	nn	gct	cnann	naaca	60		
ggcgnt	gn	ngg	nenct	cacc	g	actcct	ccct	ggtn	cacang	cttnt	gn	ggg	gccacca	g	120
ccctn	ct	gn	cccc	ctcca	tccat	ant	gc	atgg	cg	nn	tg	gng	cccc	ct	180
cagat	cang	c	ccnanc	ttgc	ntctac	cnnn	atnc	cn	ctg	ana	ac	gtgc	actga	atnaa	240
ntnt	ggg	aaa	ccagaaa	aga	tata	catt	aa	ttta	aga	atc	attt	act	tatt	t	300
aat	caat	att	attnn	aga	an	nnnat	ccc	aat	gag	aca	atcat	nn	tta	anttn	360
tanc	aga	agt	gacca	at	gtc	atttn	aca	ac	tana	aga	tnn	act	gg	tn	420
ang	tag	ant	ttact	gana	aa	ncct	gnat	gn	attt	gact	tg	cttt	tg	ta	480
ncet	tact	tn	tttng	nttt	c	atan	cc	tan	taann	at	gca	ttact	tt	nac	540
nnnn	nat	cct	naaa	agg	gtc	ttt	ctnt	tag	ctnt	ac	agg	nn	aca	atnat	600
ttga	nc	catt	tg	nn	acttan	ntnc	cttann	gctt	tt	nagt	ata	ant	tt	cn	660
cntt	tag	ctt	ttnc	ntn	agg	ncant	tnacc	ccct	tt	ntaa	aaaa	ang	nn	anttn	720
nnaa	att	tg	ncnt	ga	atct	ttct	ccann	tcg	gct	tttc	cant	at	tt	ataa	780
ggan	agg	gnc	ncaa	ant	ggn	ttt	ggn	ctta	ant	tc	entat	ata	ct	tanct	834

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (814)
 <223> n = A,T,C or G

<400> 4159

nnnccctttgg	aacctcacng	aaanccttcc	ttctaattct	ggcacgcttg	ganatcgaac	60
tnnctcnaaa	nanatnggtt	tgnggcctgg	ggcccttcta	gcctgagctg	gtgacctggg	120
catctgcacc	ctaaccacag	ctgaccgagt	cagatctttg	tccagtgttc	tgaagatcaa	180
atgccgtgcc	cttttgcaat	ataacaccag	ctgcttttag	tccacagcct	ctgacatgcg	240
atltgaagac	acgttttatg	gagcagacat	tatccaaggg	gagagaaaaga	gacaaagagt	300
gctgagctcc	aggtttaaga	atgaatatgt	ggccgaccct	gtataaccga	cttttttgaa	360
gagctctttc	canaagaagt	gccanaagag	acagtagtct	gcatacatcg	ctgcaggcca	420
cagagcactt	gggttggaag	agagaagatg	aaagggacat	ccttggggct	gtgcccggtga	480
gttttgctgg	catagggtgac	aggggtgtgtc	tcttgacagt	ggtaaactcg	gttttcagag	540
tttggtcacc	aaaaatccaa	aataccccca	atgaaattgg	acgcagcaat	cttgaaatca	600
tctctaagct	ttgctttcac	tttgtgaacn	agttgncctt	ctattgatcc	caaaagaaag	660
ttttctaagt	taaaaggaaa	ttcctangtg	aatcaacccc	acnagggaaa	aacccacttg	720
ccacaataag	gaaggccggg	ttcccccttg	gtgccngggt	taangggccc	cntgtaangg	780
naaacacnac	cggggnacct	tttttttttn	taat			814

<210> 4160
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (775)
 <223> n = A,T,C or G

<400> 4160

tnnnnttttg	aaanntttcc	taatgcantn	gngaaacttc	tnaaaccntg	gcaatngctc	60
tttctgcagg	cagcccagcg	atncgaattc	ggcacgaggt	tagagtaagt	aaagatatng	120
ttaagaaaag	tacttaaatc	caagaaagag	agtcaacaaa	tatttatacc	attctctcat	180
taagtgcacac	tggttccata	aattttaaaga	cagcgggttc	cccatatcta	tggntntgca	240
ttccatggnt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacatg	gaaaattcca	300
gaaataaaaca	attcataagt	tttaagttgc	atgccgttct	gagtagcttg	atgaaatcct	360
acaccatccc	cctccatcca	ggctagtaca	tgactcatcc	cctngtccag	catatccaac	420
actgnctatg	ctacccgccc	attagtcact	tagtagccaa	ctcggttatc	agatcgactg	480
tcattggnatc	atagtgtctg	ngttcaggta	acctttatct	tacttaatat	tgaccccaaa	540
tgcaagaatg	acataatggt	ataacnggnc	tattnnatca	ttaggnaatg	gnantagnct	600
cttactgggc	ctaaattata	aatttaaaten	atcatgggca	tatatttaga	ggaaaaaacc	660
atgggggacg	taggggtngg	nccnatnngg	gggtcaaaan	atccactggg	aagnctnaaa	720
aacatanggn	ccngaggaaa	aggaangagn	cccggaaacc	ttnaattntn	cttaa	775

<210> 4161
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (817)
 <223> n = A,T,C or G

<400> 4161

gtnnnctttc	taatggcttg	gctactcgcc	ttctaattnt	ctaatncttg	gnactcggtt	60
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ctttctncaan gnaccnntcg ttncgaattc ggcacgaggg aagggaggtt taaggaagag      120
actgtggaca gaggtgttag ggaaggtgtc agagaaggtt aaggagccaa catggatcat      180
gggggtggta cagtgttgcc agggctgggg aggattggct gcagtgtggg gtaccacagcc      240
gctgccatgt ggagagggac ctgtcactcc tgctgtgaac tctcccttct tctgccctct      300
gacctcctgc tgggtgcctcc cattggctaa acacagttga tggccagtgc actggggagc      360
tgttcttgga gcccacaggc atctgcttct tggcacagag cagacaatgg attgagtccn      420
ggaggggaagg gaactagaga atacccaagt cccaacccca ngcgtttgct gaatgtgtct      480
aatcttcctt ttctacaaac ccattctgacc tctnccccct cctccacgc caagctagggt      540
cccaattctt cctcaagctc cactccttcc accctgtaat cttttntatc accctnccct      600
cctnaacacc ttgggtccgg ctttacaagn ttccnttccc gngacttagc cttttcccn      660
acctttgccc aancaaattt tacttcttta aaaaaaggtg gcttggaanc ctaaaagaca      720
ttantccaan ggttaaaggc ctcccttttt ctttttatcc ccaaatacaa aaccctttta      780
aggtcttttt ttcattcaaa attttaaaaa ccccnct      817

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<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 4162

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ttttccnaa annngcntng gctacncgtc tttcaaaatn ttcanatccc ttggcaactc      60
gcncnchnac gcacaagaan tntgngttgg cgttcttgag gagctnagcc ttcgctcctn      120
aggatcacag gcttncatgt tgaagctggc agtgctagag gctannnccct atctgngtga      180
cagcatttna natntancag gaccgacttt gangttnecc aatatntata ggcannctgt      240
aatcatnac accgntngcn atanctctct tcannctctg tctnctctt ntaactgnag      300
caaaagtctt ttctcangca acaacnttct tnnatctctn agnagnctat actgtgttcc      360
tnnncatggt cggcgaacgc tattacgntc gactncacnc acncacntga catngaccn      420
tatnncaaac nngntangga aaagctanat gtctgnangn tgctnnncgc ttgangantg      480
ctaanagcnc tttagancat ccattanctt tctnnangct tgangtttta nggctnatan      540
nnctntggaa nttangtatt ctgggnatga cctnctatng cttntnanac tattnaatcc      600
agacctegan cnntannccct ggaangtncc ncanccnaan nantatcctt ggggaacngg      660
nggtactgna ctntngatca anccnaanan ntggnantga nccanttggn aaattgaatc      720
cntaatctc cctgggcaa cnnannngng gcttgctttna aananntgga accnnannat      780
gcccgtcaaa ncttccttaa ttancctngg tanactgcna ctggcanntc tnnatanggc      840
naattccana agnnntgant nttattcacc c      871

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<210> 4163

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 4163

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tttctaaatg gcttgggnnn cnccttgac caccgaaaac gnttggcaac ttncctctttc      60
tgcangancc catcgattcg aattcggcac gagataattt ttttagtttg tttttgagac      120
tnctctgtca cccaggctga gtacagtggc atgatcatgg ctacacagcag cctctcaacc      180
tccctgggct caggtgatcc tcccacctca gctccttag tagctggtac cacaggtgtg      240

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tacctggtta	atTTTTTggt	gtttcttata	gaggcaggat	ctccttatgt	tacccacacc	300
ggtctcaaac	ttctggactt	taggaatcct	cctgccccgg	cctctcaaag	ggctggacag	360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgccccca	ttatacctct	420
ggcactcagg	cagtgatgcc	tcttggccct	ctggcaaaag	gagcacactt	ccgttagttt	480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgtttttccg	540
actgattgaa	actttcatct	ctggtatcaa	ttggggngtt	ttcttagaaa	aaagcttggt	600
gtgaaagggg	ggcaaaaaaa	aagaaaccaa	ngttctgaaa	gttcacctct	ttgaattgca	660
accacccctt	ggtanaaaga	atgggaatca	atnggaatgc	cttggccnaa	tttttgnanc	720
cnnttttttt	ggcaaagnaa	aangggatcc	aaaaagtggg	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caatttcna		829

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4164

tcnccctttc	caaaaagcnt	tgggnnnn	cn ncntttc	taac tttccna	ata cntggg	caac 60
tcgctctttc	tncangcagc	nnntcg	ttgg cgaatt	cggc acgagac	ttt caacatt	tca 120
tgatagaat	aagtaatggt	gggttaga	ag aaggaaa	acc tgttgat	cta gttcttag	ct 180
gtgtggacaa	ttttgaagct	cgaatgaca	aaatacagc	ttgtaatgaa	cttggacaaa	240
catggatgga	atctgggggtc	agtgaaaatg	cagtttcagg	gcataatacag	cttataattc	300
ctggagaatc	tgtctgtttt	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	360
aaaagactct	gaaacgagaa	ggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	420
ttgctgggat	cttagtataa	aacgtgttaa	agttttctgtt	aaattttgggt	actgntagtt	480
tttaccttgg	atacaatgca	atgcaggatt	tttttctctac	tatgtccatg	aagccaaatc	540
ctcaatgtga	tgacagaaat	tgcaggaagc	agcaggagga	atataagaaa	aaggtagcag	600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	660
aatgggggtat	tgaanctggg	atctgaggtt	caagaagaag	gactggaaaa	aatttttcaa	720
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaattttccaa	780
aaaaagcang	aagaatt					797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4165

tnncttttcta	atgttttnna	atgctgggtac	ccttttcaaan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	120
caaggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgtcgtgttaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaacc	ctagaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gaccctgcg	360
ctagactgtg	gaaagggagt	attattatag	tatacaaacac	tgtgtgtgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aattttaaaaa	cactgtaatc	caaacttttt	480

ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aatttaaaaa	gcagggccca	aagcttatta	agtttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnttaagaaa	aaatcaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4166

ntcttttctaa	ttacttatnt	gtcatggaac	tcccactntc	tcnacnnanc	naggcnntgn	60
cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaatg	gacttatttt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaatttaag	agaagaggca	aggaccccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcattctctt	ttcctcataa	tcctcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattcct	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttggacc	acgtttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattattt	tttgacagna	atactctttt	caaaaatggg	660
catttgcttg	atttccanaa	acctttcneg	ttctgggacc	gaattacca	aatgcccag	720
gaatttccca	ctgggggggt	taatgttnaa	aantcccaan	taaaaagttt	ttttctg	776

<210> 4167

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4167

tnncttcaaa	ctttcgtctt	tggttttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagttttgga	tgagacttgg	tatgggtccat	tctgggacaa	aattcctctc	tctctctctc	120
tgcggaaccg	tgaaatctag	aaaataagtt	atgtgcttct	aaaatacagt	gatgggacag	180
acataggata	gacattccca	tttcaaaagt	gagaaattgg	gccaggtgca	gtggctcaca	240
cctgtaaccc	cagcacctgt	aatcctagct	ccccaggcgg	ctgaggcagg	aggattgctt	300
gagcctggga	gatcaagggt	gtagtgaagc	atgattgcgc	cacctttatt	ggaaactttt	360
attccagtta	ccaataacac	attcctcatt	tcctccagag	acctcaccag	aaacaccttt	420
aatattcata	tttctagcag	ccttctgttc	ataacaatat	atgcattctg	ttaagatgat	480
aggagatttc	tctgcacctc	tcctcttttg	gagcctgcag	ggacattccc	tttaatgtcc	540
atatttctac	cagcagtctc	ttcaaggcag	tctaggtttt	tcctaacata	cacctcaaaa	600
ttcttgagc	tttgggccaag	cacagtgcct	nacatctgna	atcctaacac	ttttgagagg	660
ccacatggac	aagatgcttg	agctcaggag	ttcaagacca	gcccgggcaa	catatgaaac	720
cctgccttta	aaaaaatcaa	t				741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4168
 gnnnnntttt nnnnnntttt tggaaancct tnnnnnnnnn tttcnaatnc ttgggcnact 60
 cgttctttct ncaggcagcc catcgatncg cctttattca ttttactgt tatccagaat 120
 tccattatat gaatatgcca taatttttaa gtacacgtta ctattgttaa gtgtttctaa 180
 actggaaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc 240
 tgaatgcagg ccaaacttgg cctgccaaac agtttctgcc gttgtttgta ccagttcaca 300
 ctccctgcc aacagtttct gcaatgtttg taccggttca cactcccacg gcagcacatg 360
 aaagctttat ttgctccata tctctcmeta tttagaaata attacaaact tatgtaaaag 420
 ttaaaagtac tatacaaata attttatgcc tgaaagtgtc caagtccatg ccatattact 480
 tctaaatatg ttagtgtgtg ttttctacaa acaaggagat tctcctgtgt accagacagc 540
 agtcatcaaa gtcagagaaa ntaacatcag tacattgtct ncatctaatt cttactccta 600
 ctcaaagttt cactantttg cttccaaaag tgctctttta tggcaggang gatcanaant 660
 aatgtatagg ccaagcacia ngcoctggaa tctggaaatc ccagcacttt tngggaaaac 720
 caaataggaa ggttgcttga gaactcctga cttaaggcga nncanccaac ttaaaccctt 780
 ccaaagngg 789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 4169
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 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120
 aggagtggca gactacgac tgaaggaggg gcttctggtt agcccagggt ccatcataat 180
 gaatggatcc aatatggcaa atacatcacc gactgtaaaa tccaaagagg accagggggt 240
 aagtgggac gatgaaaagg aaaaccatt tgcagagtac atgtggatgg agaataaga 300
 ggatttcaac agacaggtgg aggaggaact gcaggagcaa gacttcttgg accgtgctt 360
 ccaagagatg ctggatgaag aagaccaaga ctggtttatt cctcacgag acctgcctca 420
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcatgattc 480
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttccaggaga 540
 gaagtactga gccgagaaa ctttgaggaa gacttgtctg tccccacatc tggggatagt 600
 aatgcacaaa atggtggagc ttaagaaggg gatggggccg gccaaagggt gcacancggg 660
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgctca gtcttattct 720
 aaaaaaaa 728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 4170
tctaaacgct tggnncttgc tctttctnca ngnanccnnt gcgntncgaa ttccggcacga 60
tctagatatt gcccaatcgc tgcccacagt gcacatacct ttccaccagt cacatgtgag 120
agggcagatt ttccaaatgc tcatcaccac ttggcactgt gtggactata attttggcca 180
gttaggaaat ggcatctcat tgttttcatc ttaatttgcg tcagcctgat tactcattga 240
aacttgtag gttgagaaac ttttcttaag cttattggcc attcaagttt cctcctttat 300
gaaatggttg ttcatgtcat ttgctcattt ttatattaga ttgtttttct tttttccagc 360
tgactttag gaactctaca tcttatcaat attaatacatt tatcgaaaac tatttgggtg 420
ccattatctt ctccctagta atgttttttg ttgtgatat cttttataat atataagttt 480
ttaatgttgg cagaagtaaa gttaatcttt ttggctgtgt tgtgtgtctt gtttgatgta 540
aagatagttt ctgtaatagt tttgcagttt gattgntcat ctttaggtct tcaattcaac 600
ctgcacatcc atccctctta tctcttttct tactctgttt ttctccatac cacttatcat 660
ccaataatat ggcatgccc tttattnacc ngntttgcat atataatttg gcttgnccc 720
ggttccttcc ctana 735

<210> 4171
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 4171
tanacnnatt ggtntgatgc ntggtgctgc ctgcgctgcc ttaagaagct gagactcaca 60
caagtgttaa gagggatatct ctggagacan ngtagagata gaccctgtta cgaatcagag 120
ggccagcact aagtttttga ttaagcagaa acccatctna atcgattccg acctgctctg 180
tgctgtgac cttgctgaag agaaaagccc cagtcacgca atattttaa acgtatct 240
aagccaatca cgactatnaa cacctctact ttgaatcgga cgctgctacc cgtcaatgaa 300
attgtgctca aggttaacta catcctggaa tcgcgagcta gcactgcccg ggctgactac 360
tttgcataaa aacaaagaaa actgaacaga cgtcgagctt cagcttccan aaggagaaag 420
aaaatccggg cagcagttga cactggcctt cagcctnaat ctgttcccgt agcttnagaa 480
ccttgccctgc cagggccaag tgccctagag cccaccccg tgcctgaan tcctnggggg 540
ggaggccagc cccctgggct tactgggcac anggcaagtg gggctctcng gggaaagggtg 600
tctggnggcc cccttangaa gggaancgct ggggacattt gccattggga ccggaaagtc 660
ttggtttggc anttggtttt ngataancca tgctttgngg gtcnagacca ccnccataa 720
ggagccacgt ggccngccaa gccaccttaa ttgcctggca cctggcccng gng 773

<210> 4172
<211> 797
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 4172

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cggcacgaga	ggcagtgact	gccttcggct	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgccc aaa	agaaaggctg	cagggtcaagg	tgatatgagg	caggagccca	180
aagagaagat	ctgccaggtt	gtctgctatg	cttggtgcca	gttacaccca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaaa	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaaggaagc	agttgttgaa	360
agaagactac	aatgaaaaatg	ctaaaaatgg	agaagccaaa	attcagaggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaagaaa	gaaccagtgg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540
atgaagaaga	tcaaaacgaa	gagaaagggg	aactggaaaa	gaagacnaag	atgaaaaang	600
ggaagaagat	ggaaaagang	attaaaatgg	aatgagaaaa	ggagaagatg	ccaaagagaa	660
agaagattgg	aaaaaaggtg	aagacggaaa	ggaaatggag	aagatggaaa	agagaaaggn	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4173

tntctctacn	nanntcgnga	acccttgntc	ccacgaccct	cgtnccgaatt	cgggcacgag	60
gtgtgttctg	tgggaggggtg	tctgtgggtga	tgtgactatc	aggggtgggcc	tgtgctgggg	120
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatgggg	gtttgaggcg	180
tatgggtggc	tggttggtgtg	gggagggcatc	ttgtgtatgg	ctgttgggaa	cagcaaccaa	240
aaggtgcttt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatata	atagaagtta	tttcccaccc	cattttatct	tgacaacccg	tgtttgcat	360
tctgtaaaac	ttctacaact	tctgggtgtca	agaactgtcc	agaagatgg	actgttaact	420
ggtatttcc	ttgatgtttt	gattttgaaa	gtttactctc	atgcaaagt	ttcangcgta	480
catacatagg	cagaaagcaa	atttttaggt	gatttgtctg	tntcttggt	gaaattttaa	540
gcaagcttta	atgggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaattttaa	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tggtggaaac	cccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaaag	720
ggttttttaa	tttgctttgn	ggcctgttn	taaaattggg	acccccatt	tttanaaaatn	780
attttttttc	ccgtcttccc	ttttaccaa	cna			813

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4174

gtnnnnnttt	tctaatagct	tgggatactc	gttctttccg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttctcagg	ccttccagg	agtcctcttc	ctggacttaa	gagtgc aaac	120
tcttctctgt	ggttctagcc	ttgggcagaa	ttatatccca	gagaccacag	agcaactgtc	180
aagctgctta	ccccctcacc	cagggctaca	gcctgtgccc	agccctctaa	tttgtgcctc	240

```
tcttgtgttg ggggtggtgg gggttattcc ttccctttc ctgctctggc ctccctgaaa 300
gttcagagta cccagtacaa gtcagcttta aagtacagct tttagtgttt cctgggttgt 360
ttctctgggg ctttagtgag ggacctttgc cctctgggtt ttcttgcttc ctggtttang 420
gagcatctca cacttgtag tatctggttg ttgggccagc ccgtgcctnc tctagatctg 480
gagccaggcc aggcaggggc cactgtgtgg ccagtcagcc actacaagat tttgctaagc 540
tttgggctgt tggcagcatc ttggacctca tgccctgggc tgaatgangc tctttcttaa 600
gtgggttttac aaagtgtggg ttttatttat ggagtgaact accccttcca ttcagagcag 660
cccacccagc cagcccttna accttntggg ctccctgntgc ttaaaggcaa accgcctggt 720
tgggctccac cctgtgcatt gggaacccaa ccacccatgc tnaccggnat tttccctcat 780
aaaagt 786
```

<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4175

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tctaagttn gaaanccttg ttctngacca tcccgggctn atgcttgggc acgagagatg 60
ttcttatccc caagagctgt ataattccag acagaggagg caggcagaca cctctataga 120
ggacttagaa acgactgttg tgagacacat tcagtgtca ggatggcaag tgtagtatac 180
cgtagaaaag aacattcctt tggggtgtgg cctaggaagt ttccagatt tttcactagc 240
gtacatctaa ggaaaaccgt aaacacagag ctgcccttta ttccctccac aggaagaaat 300
gtacatcttc atggagtact gcgatgagg gacttttaga gaggtgtcaa ggctgggact 360
tcaggaacat gtgattaggc tgtattcaaa gcagatcacc attgcatca acgtccctcca 420
tgagcatggc atagtccacc gtgacattaa aggtgccaat atcttctta cctcatctgg 480
attaatcaaa ctgggagatt ttggatgttc agtaaagctc aaaaaacaat gccagacca 540
tgccgtgtga agttgaacag caccctgggg acagcaacat acatggcacc tgaagtcac 600
actcgtgcc aaagaaaggg ccattggcgt tncggccnac atctggagtc tggggtgtgt 660
tggcntagan atggggactg gccaaaagcn cttggcatga ntattgannc cacttttcaa 720
attatgtata aanncnnggg atgnnaccta aannccccca atcccnngnan anaattaaac 780
ccctt 785
```

<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4176

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cnnnncgnnn nnnncnann nnnnccggnn aacnttcnag gccnttnnaa ntcccnnttc 60
naangcttgg cnatcgnctt tcnnangna cncngcgttn cggttggaaga aaccaagctg 120
accaaaacat ggtccccacc ttttgagct tacagtctgt tctggggaac agagattcag 180
ccagnagtca agaaacactg gatgccagct agattatctg ntctgtgctt tgggtgtctat 240
aagtacatat gtggatatgg gttcatttta tccctaaact tagtaccaaa ccagcattta 300
atatctaatt ataaatctaa tntggcctaa actttattat tgcacactgc ctgaacaaaa 360
cctatttgtc tctatgtaaa ttntttcctc atggaacaag ggtgtgaaat gaaaaatattt 420
taggatttat tcaaaaacag actattctgt tttcagcttc agaattgttc tttgaatcct 480
```

```

aaggaacctc tgtcaacagt ngaggcngct gttgaaaaga aagaaganng aggcngaaat      540
ctctcangga gaattatttc ccnttctntt ctatttcaga tacctggagg ggtggggaga      600
ngtaagaatt gtaggggagg atcannnctn ggggaaanct gtgaccagct naatgaanga      660
atgatgattg aaanaaccct cttgcatctc tnagntaccc ttcngcntcc cttnnaccca      720
ntgggtataaa atntngggcn tngggcaacc actgaccatt tgncaangcc ttaattggnc      780
cccaaataatc cnacactggg ccnagancct taaangtctc cagcaccgca cncnntnana      840
anncgnnnc

```

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4177

```

ttctaaanan ntttgggnnn gtgnncttct aatttttcnn atacntggcn actcgnactn      60
tctnnangna gcnnttngnt tngcgaattc ggcacgtagc tgagcacctc gtctctataa      120
aaacaaaaca acaaaacata aacaacaaca acaaaaaact atgtgatagg cattgtgtta      180
ggcactagaa aatagtgtct aaacaacaac aacaacaaca aaacatgatt cttgtctcaa      240
agaatgcaca atgttgggga aagacaacta aaaagtnata aaacataaaag tttgaaggat      300
attatgatag angaatnata ggatacgttc aatcatttga aattcntgaa tgtcatcctt      360
ttgggtggag caccgagagg gtttgtgaaa aacttcccac ataaagnaat ntaancnatg      420
cattnnntaa aaatactnat gtnttttnaa aaatgaatat ggcaaataaa ctgtntctgcc      480
tancatntga tnaagggnntc acttttccat nccnanggna ttagcttatn nnacttcana      540
catttcaaan gtggaaaaga ctcancanat tcaaagcaac cattcttgta aagtttaatt      600
tcntgtgan tcgttcanaa ttnnaatnct tgggaaaaat gaacctgcaa taagaanaaa      660
aattggtttc actttttcaa tnggggttaa aggtttctgg acttcacca aagtggcttt      720
ttncaaatgg gggggncccn taaaancaa tatttaata nggaacttat ntttgcggtt      780
tagcncnngg gggnatnctt ttgncaaaaag gtttaaaaag ccaattnggn aangnt      836

```

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4178

```

ctnncttttn ncctnaagtg aaatcgttcg gtttancctt tngcaggatc ccategatcc      60
gaattcggca cgagcttagt tccacaaata attattgatt tgtttaagcg tgatgtatgt      120
gcttgctcaa ggaattagaa gatgagtatg acaaagctca tccctcagg gagttgagtg      180
tttcagaggg atgaagtaaa agaagatttt aaaactacaa gtagagtgtg agaagtatca      240
cgagaaacat caacaaaggg ctgaggatag aagggtgata gtctcaagta tctcaagata      300
ttcagcagtg aatcttaaca taaatttgct ttaggggaa gaatttcaag catattgata      360
ggtcttaaat tttctagtct ctctgggata gtaggaagga gaatgatttt taaaaagttg      420
attatgtagc atggagtgtg gggactagta aaaattttat tgaaattatt tgggaattgt      480
tttacagttg ttttagtggt aggttgattt tctgaaaata ttgcatttta gtgtgatgat      540
ttactaaaga agtagcaggg acttattcta aggtaggaga tagaaaaact aataagtaaa      600
aatctgctag caactttaaa tggctgtcaa acttttttta atgattaagt gctaattggg      660

```

ggcagatgga aattgtaaaag ccagtgccan aacaattgag gtatagaagt ttttttctgt 720
caattgctct acttttgaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 4179
tnnngttnc ntattanntg ggtaatngct tggntctnng nctttctnca agatnccatc 60
gattcgacg gatagcccaa aggcctctgca gtattccctc caatggccaa ggattccgtg 120
tgtcatctgc aggagttagt aggcctctgt tatttcttgt aactgctggg tggtacaaaa 180
taagttacaa tgttttacac tttaaaaaaa aaaaacagaa ggaacatttg ctttattggg 240
tacttactag tttagcctct aggttatggc acagcatgct aaaaaatcat gtgtttaaaa 300
gtaaatgttg gtaaaatgct ggcattctgg cctattgtgt tgatgcattt tcacttctgt 360
ggtcatagga aatggactgg tctaaagaga gtgaggcaca acacaagcag ggcattagtt 420
tgaataggaa gtcaatcata tttggtttta tggcctgggt tattttgggt ttaagataaa 480
atagggaaaa atgtcagaaa tgatccctat gcatttattt catggatccc ttaatttcat 540
gggcatgcct aataatgatc tatgttctaa ctggagctta nggcttattt tagatattgg 600
gagtgtagct tttatttacn agatggattt tatctttcaa catttgcat ttagatcaact 660
tttgtaatat tcaccgtgta tttaaaaata ttggtgcact taaaatgttt tccccctnng 720
nttctttttt atattgggtc caaaggcant ttantcaagc anctntttgg naatggaaac 780
tcaatgttaa anttggcntt gggttcaann ggaaat 816

<210> 4180
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 4180
tnnnctttct aatgcttggc tactngtctt tccgcaggat ccttcgattc gaatccgnca 60
cgagggnggc tgccgtntnt ggctttngct nnaagggcna ngttcgggaa ccgttcaca 120
ncatcctgat gtcctgaagg gactcaactg gccattgcc agcagtcgnc attccctaag 180
gtgctgtgat ccanaangcg ggntgngaga nattggggcc ctaccctact nactntnncc 240
cacaccatgt ntaaaatact canntntnn angggcnaa nacngctatc tggacccena 300
tcaggntcgg gnaacactgt tnaaaagtcc cctttcatgt tggcccatg aanagaccac 360
ngaccacng gtacntggag ctcgatntcg anagttctca agnggggaact gaggggactt 420
ccactnctnt gggactnngg tcnactnncg tgnanancgg gacnactaca tnttggntc 480
tttctganca ccaccctntt ttcacgatgg nacntgtaga agggaaatgc tgganngatc 540
catcctntnt gntctcttct tngccctaa atgntctcan ncanntccgn ncngtntntn 600
acctgnnngg tctttttggc ccngcnttg ncatgantac cngntacct gcactctanc 660
ctgacacnnt ttgntcttat cgtgcagtg anggaaangt ggggtgggtat ttttcccaaa 720
taaagacttt agaccctnt tttnt 746

<210> 4181
<211> 865

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (865)
<223> n = A,T,C or G

<400> 4181

cgtnnccctt	ttcaaatgcc	cttggctact	cgcctttacg	caggatccca	tngatncgaa	60
ttcggcacga	gccaacctgc	tgccctcaa	gccccgctt	taccagcctg	tgaggttcag	120
gaggcgagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccctg	tccacgcngg	180
acagtntctc	agaactgggt	catagaccac	ctgtgttacc	aacagccaga	tacctaatcc	240
ctgagcctnc	tttgggaang	tctggggccg	agggctctggg	aatntgcttt	ntttttttgg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctcccatctc	360
aaganaaaaa	anaagganca	gggcattgtg	ntagtgtgac	tggggtncca	gctacttcan	420
aagctgaggt	gggaggatcc	cttgagccct	gtaagcggag	gctacagtga	cctntgatgc	480
cantgaactt	ncgnctatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgccntaaaa	600
atgggtggcnc	catttttttt	aanaaccntt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttnccn	tggccnnngt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgnctcgn	aaatntgnnn	aanatttcat	tcccananna	angntnnntt	tcccttaaaa	780
nntngnactn	aattgccttt	actgttnccc	ntnaanttta	aacnacnnat	ttntntntaa	840
acctttttnaa	angnaaccn	ncccc				865

<210> 4182
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (989)
<223> n = A,T,C or G

<400> 4182

tncccttggt	gaaanccctt	tgctcctttt	tnctnccgtt	tgncatncna	ttcgctcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtacag	120
aagttggggg	actgaaggag	agggagccac	tgccaggtgt	agctgcttaa	ggggatacca	180
gtccttttac	agatataata	gatacagctt	ctgaggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnttnacaa	ctgctcntgc	ctcctnggca	anaggannan	cntttcnccn	300
nttnccnccc	ttatngnaca	cacattgncc	tgattggncn	tnccnngct	agcttncagt	360
cttnantnta	ctcannagnn	nntnggggaa	cncnctntcn	nantatgntc	ccttttcctc	420
tnncntnncc	nnatancacc	ccnctcnctt	tcctttctaa	acttnacacn	ntccctgana	480
atgncttccg	aatggantct	tngaatttct	ncgccccctn	ntcntcataa	tcnttttgct	540
nctcngctc	nccctcattt	tnctacgtnc	cnccttctnn	ttnactgnct	ttaaatntta	600
ttancnnent	ntncnttnen	atctncaant	tttcnnnccn	acnnnnnttt	netntntnca	660
aatcgcgnaa	aataagtntt	gencactcnn	ntnctancnt	attntccctc	gcnnntntcn	720
tcctctcccg	cnncactcac	ntnnnnnnnt	caattntntn	nnacnncnc	tgctctacnn	780
ncnatntctn	tnccctncaca	ccctntancn	tnctnctcan	aatgcctttt	ctnccctann	840
nctntcnttc	ncnnatctan	ccaantttnc	tttnacatcc	cctnccnnntc	tnncccgacn	900
atatntnacc	tcttnnaten	cagngentan	natnccccn	ttntcnctnt	cncctctcann	960
cttntntnta	tcttcatnta	tcannnccc				989

<210> 4183
<211> 820

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

<400> 4183
tnnccctttct aatggcttgg ctacnggctt ctnaagnatc cctngtttctg cagctatagc 60
actaggcagc cttgcatcct ggggtgttgaa agtgcaggcc attatcctcc cctctgacct 120
ccaagatgtt aggtggcctt tctgtgcctc agttttatca tctgtaaatt gggatatgatt 180
gtactagtgc ctagtacata aggagtgtcg caaagattac atgagtgtct ttaaagtcct 240
tacaacagta tctcacacat agtaagcatg gcatgtggta gttactatca tttagtcctt 300
cttgaggcaa tggatattaa aatttttaaag acagttgtct gntnaggatt ggncatgcag 360
cctgaagttt naaaacaaat tgcacctgnc tgtgtncatg ggganacttt ttaangcctt 420
ggacctnatt agctnaatgg gctgtggaan tgnatggggc cttttgnagg gcncnnttt 480
tnnaaacccc naaattttan aaagnttaac cccagannct tnattctnca ttttaactgg 540
cctnttggnat gatatatngg cagaagtgtt tanaagggtt naaaagtgtt ttttgcnccn 600
anaaaaangg ggcttaaaact tttttaattc nnggggtngg cgccnaaatt tttcaataaa 660
aanntttcan gaattattaa nnggggtngg atnaannan tttntntntn anaaaggatt 720
tttaanaaat ttggggggaa gaaccnaat tattaacngc taanttatct natggcttcc 780
gacttttnaa ngtttttnga aanannccna nntttattnn 820

<210> 4184
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 4184
tnccctttnc taatgcttgg nataccttgg tttccaatgn ttnccagggt tncgtgcact 60
ccagcctaca tgacagagtg agaccctgtc tcaaaataat aatantaatg nactgagact 120
cagaaaagat gttngntcaa ggttacaaan ctcanacngg acagggcagc atttgnaacc 180
aaaatnggtc tgactcctan gctcatgctg naaatnacng tgcaaggctt ntactatcta 240
tntttttctt aanngaattg ctaaatgnac ngatgggttaa catattacgc agaatatgtt 300
aaacgtcaaa tgaactgtnt naacnataaa tgctggagag ttgaagtggc caagaactca 360
tgcccagagg gatctgggaa ngcctcttga acaagggtgga attatagctg gtttttgaag 420
aatccgaaaag gtgcttagat tgaaagggtg gacatgtaca ggaatgggtt ctaagatgtc 480
atatttttatc tctgtcctca tcttgactgg cactaatgaa catcaaagat ttnaacctaa 540
atncattgag tgcccagnat gtgaaggggc ttattttatgt aggtttttaa gctttttaac 600
atacttttaa agaannggac tggttaatct nactgnctt agatcccttt angaccccg 660
gagcccgat tggcccccag ggngcccttt tgggaaatgg gcgttggtcn gggaccaagt 720
cttnacantt ttgggacctt accccanaga aaaaggaaat ggggtccctt gggggaattt 780
ttgccaggac cttacaattc ttgggaanaa 810

<210> 4185
<211> 820
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)... (820)
<223> n = A,T,C or G

<400> 4185

gnnnnctttt	gaaanccctt	ttaanccctt	gctcttgntc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggca	gaggcagggc	tagaatgttg	gacttcagat	ctcttacttc	120
tgtgtgctag	tgaccattc	ttagtccagc	acagacaatt	ctcaaacaga	ttagcaaacc	180
accctcttga	aattgcaaga	attgttacca	tgtgatcaag	gcatcataat	taatgcaaac	240
cctagtttct	agttgggaaa	gagattaaga	tggagacttt	gtagtaaaag	atggacatat	300
attttattca	catagcttat	ttattttgaa	tgaagacca	agcaaactct	anccttggcc	360
tgtcctgang	aaggtgatct	ntgaaataaa	tgcnctgnan	aattttggnga	canngngnct	420
nnccntngat	ntatctgntn	ttatccaang	gttcnaatnn	tgtnccntnt	natnccntat	480
tccctnnaat	ttttnttgna	acnnnccenn	natttctnta	tngncccttt	tcttntctna	540
cnccttntac	cntttatttn	tnnaannccc	ntttctnnnn	ncaatnctng	ntctntaant	600
cntnnncttn	tnnttnnctt	ttannccctt	tnnccnttnc	cccctnnnnn	ttaanacntc	660
ctncttattt	anntctntcc	tnntttcttc	tccnntttct	ttactnntn	nnncttccac	720
ttctttacct	tatatacntt	aanntctctn	tngtatnta	aactcnttnt	atcttnccct	780
ntctnctaaa	tncatcctca	natnnttagn	nnctcaacct			820

<210> 4186
<211> 847
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)... (847)
<223> n = A,T,C or G

<400> 4186

nnnnntttnc	nccnttttgc	aaacccttgc	ttctnctttc	naattggctt	ggatcgattc	60
ggggaattct	ctgccttttg	gggaacagtt	acagaggacc	tnntaaaccc	ttgtttngtg	120
ccaggccccg	agaccacaga	gataacctgg	gacccaggct	ctgcccattg	ggagctccca	180
gccctgtgag	gaagacaggc	catcctcacc	cagcacatcc	tactgtaccc	gaagagaggg	240
cgcagtgact	catttttttg	cgttggcatt	aggtttaaaa	gatgggtgaa	cgtccacaga	300
aggaaaagga	attcctggca	nagggccctg	cctgagcata	ggcagggagg	ctgagcagcc	360
acgtgtgctt	gagcgtggtt	ttgncgaggc	agcaagcggc	ggctgtatgg	tgttgctgca	420
gctgtatggt	gaaaggggtg	tgaaagctga	nccaggaatc	aaggctgctg	gccacagacg	480
cattgatgat	ggatgacgtg	ctggtggggc	tgacacctga	aaaaaaangg	tgtcaagttc	540
caaaacaang	gcctggcata	caagtanggn	ccacaaggga	gaagcatgag	ggaaatggct	600
tngccgcctt	gggntccctt	ggganaantn	ancaattntt	cnngnatgnnn	aaggnncnna	660
tnnnnanaac	nnnnnnccnn	nncnntnnnn	annnnnnnnn	cnnaannnnn	nnnnanncn	720
annntnnnn	naanattnnn	nnntnnnnnn	nnnnnnntna	aannncnnna	annnnncnct	780
anctnnnnnn	nannnnccnt	tnnctnnnnn	anaanngnnn	ntnnnnnnnn	nnnaannnac	840
cccccn						847

<210> 4187
<211> 884
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)... (884)
<223> n = A,T,C or G

<400> 4187

cgcttggttt	gagcnnctna	anccttccca	tgcgatncca	attcggcacg	agggacagtg	60
ggcctggccc	gtggagctgc	cacgcagggtg	cctgagggcn	nngtgccacg	caggtgtctg	120
aggaccagggt	gccacgcagg	tgggtgggggt	acagacaaga	tgctgggatg	tcccctgccc	180
catggtcaag	gggtgcctgc	ctgcctgggt	ccagggcctg	agggagccac	atggatcccc	240
agacttggtg	tctcttgctg	aaaacactga	ggtgctccca	tctgtgcgtg	gccccatgagc	300
tgggatgggc	ctncagcttg	cccacaagggt	ccgnccctct	gtctcttgca	ccaacctgtt	360
tgcataaaca	cactttgcta	caatcttgct	agtgcgtttt	cttaaaagat	aatctattta	420
ctgtaaaaaa	taaattggac	tttgcaaaaag	cttttagaag	gaaaagaaaag	aggattaaaag	480
agaattgctg	gtgaaaaaaa	aaaattccat	aaaaaaaaaa	aactgggaan	ccttttagaa	540
cttntagttg	agggtccgtan	ttaccttaag	ntnccaagac	cntggaatta	nggaattcca	600
atltggattg	aagtttttgg	gacaaaaaac	cnacaanct	tnggaaattg	ccaatttgaa	660
aaanaaaaaa	tggcctttta	aattttggng	gnaaaaattt	tttgntggaa	atgcctttat	720
ttgggccttt	taaaatttgg	ggtaaacccc	aattttttta	aaagccttgg	caaattaaaa	780
nnccaagggt	ttaaacccaa	ccaaaccaan	ttgggcattt	tccatttttt	naatgggttt	840
tccanggggt	tccaaggggg	ggnaagggtt	ttttngaaa	ggnt		884

<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4188

tgtnnctttt	cnnctcnn	cgaaatcnct	ttgnttctaa	ctttccta	tacctgggct	60
acttgcacta	tccntcgat	ncgcatagat	ggccnngtta	ctaanggtga	ntttccagcg	120
cgggggggcac	gtggagtcac	tggaacattt	gngcaatgct	gggtgggaatg	tcaaccgng	180
cnggectctg	gaatangcct	ggcnnntcct	gcnagagtta	ccntgtgacc	cagcaattcc	240
actcctagct	ccacccacag	gantngaaaag	cnaagacgca	nacagatgcc	tgngcnccaa	300
anttcacggc	agcatcctnc	gccatantgg	cancatccgt	cgtnacagcg	gcatcatcct	360
tcattcattac	ggcancatcc	gtcgtaacag	cggctacatc	acttcgccac	agnggcagca	420
tctgtngtea	cagnggcngc	anccttngcc	aaagcggcag	cntccttcgt	catagcggn	480
ncatnctttg	ccatancngc	naggtggaaa	ccctgnccat	ccactgaggc	ntncatanac	540
tanncatggn	cagtccaggg	cactggaanc	cangccgtng	aacggcgccn	acggtnanna	600
ggaatganac	cntgatgcnc	tggggccana	catactggct	anacanactt	ggagacatca	660
tgcttanttg	nannnccant	cacacttgcn	nnccggcgtna	tcctgctcac	gtgatnccgac	720
ccgaatgggc	acttcaaatg	ggaanaaggg	ngatggcact	nccggtnncc	tnganagggg	780
n						884

<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4189

tnnncttccn	nnctcnacng	aaancccttg	tattgccctt	tatgcaggat	ccctcgattc	60
gagcagctgc	atctaggggc	ccttggtgag	atttacactc	antnccgtgt	cgccecccg	120

```

tagcccagat tcaaaagggtg aacatctgtt tgcagaatct gattcatgag aagggtgagtt 180
tattgttttc agtttagact tttgggaagt tggactagag aggggagttg ttggggtcag 240
tgctggctta acagaaaaca cagcgaatth cccctccagt tctccccaag tccactgaac 300
aaggctagtt cctgcaccac ccaggattca aaggaaagac gaaggagca gaacttgagg 360
cagcaacagg taaacttcaa gaaggagggc aggagcccca ccctacaggg cttggganga 420
gccagagggc cccatctgtt tcttcttcca ggagttgtca aggcagcaga aaggagtcac 480
ccagccaaag gaggaagatg gcttcaccgg gctgcaccaa ggggccaaga agcccttacc 540
ccgtgtctaa acccttctct cacttccct taagccttgg tgaaaagaag tcaagaaagc 600
cccaaggctt ccttttttct tggtttcttn aacttcaacc agcttaaaaa aatgggcttt 660
ccagggtant tggaagttca attgaaantt tcaanaccat tggtttgggn ggtaaaaagg 720
ttttcttctt tnttgggtnc ctggaaaaaa ctttcaatn ctttctttg gnggtcttc 780
antggtcctt caaatcttt ccccttnta ttgaacattg ccaaaaaaac cnancctttt 840
ttttttgnaa a 851

```

```

<210> 4190
<211> 741
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

```

```

<400> 4190
tnnnttctaa tantttggat cttgtgtctt tntgcaggat cccatcgatt cgaattcggc 60
acgagcccat gtcccgcccg ctctgtctgcc tggctgctgg gtgacacggg gcttcgcctt 120
gggaaggggt cgagggaagc agttagacgg ctgccgggcg gcggctgccg cgcggcacac 180
aatatttatt taattgcca actaccactg atgaagatat attggagtga ctgctgaaat 240
tgcctttttg tttttaacca gaggacagtc catttgtttc acttcttttt gctttcttta 300
ctgctatgag ctttactgaa cggctgaaaa acttgaaaa taaaatggac atgctgtagt 360
cttgaacata atttttttaa ggaaaaactta aagtgccaga gtgaaagcca gaatggcatc 420
cagagagagg ctctttgaac tttggatgct ttattgtaca aagaaagatc cagattacct 480
gaagctgtgg ttggacactt ttgtttctag ctatgaacaa ttttttagacg ttgactttga 540
aaagctgcct accagggtag atgatatgcc tccaggaata tctctgcttc ctgataatat 600
tctgcagggt ctgaggatcc acttctacag tgtgttcaga aaatggcaga tgggttagan 660
gaacaacaca agccttgtca attttgctt caagttcttc attattcttt gcaggatatc 720
agtagaaaaa ataaccttgt t 741

```

```

<210> 4191
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 4191
ttggnnctng ttctttttgc aggateccat cgattcognac cgnncggcca gctgncagg 60
nacaggggct gtaggcccag ctcanaccac ttnggagctn tggctntntt caaaaacatt 120
gtngactctc ttaccacac attcctnngc tggaagggga gattgacaaa ccagcatcat 180
ctctangtta ctacaaaagc cctcncctgg aattattctt aactnancag ctggtagcga 240
tccattcnga aaaagagtac nntagactga gttncctctg tgntnaaann nctgaanagc 300
ctnctaantn tacctancgn aaaacctana nnccttttnc tggcctgcta ngccctgcgc 360

```

cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttnagge	ctntggggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctgggtca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnngt	720
tgntcacact						730

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4192

ttggnnctng	ttctttttgc	aggatcccat	cgattcgnac	cgncngggcca	gctgncaggn	60
nacaggggct	gtaggcccag	ctcanaccac	ttnggagctn	tggtctntnt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tgggaaggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcnctggg	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttctctgc	tgntnaaann	nctgaanagc	300
ctnctaantn	tacctancgn	aaaacctana	nnccttttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttnagge	ctntggggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctgggtca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

gtnncnnttt	ctaattgcctt	ggnnntnncc	ttctaattgct	tggctcttgt	tctttntgca	60
ggnatcccat	cgattcgaat	tcggcacgag	cctagtattg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
agggacatca	ctagagtata	tgctagacct	tcctctctct	tttattttta	gcaacagcaa	300
agcagaaact	aagatctaca	agtgatcaaa	gagggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatattg	gtacagtttg	taaaaaact	ttcacttact	420
catttaaatct	tcataagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaaca	gctatggaat	ccaagacatt	540
cttggcgccct	aataaaactgt	attctttgcc	aacagtgaag	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720

gggtcttggnc aagttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
 gnaacntttt gnaaancctt ngttctaann gctgggntcn nttggtnctt gcacgatccc 60
 ntcgntncca attcggcacg aggtcagatg ttcttgntt acgttgagct ncantgaagt 120
 gagaggggca nagggggctt gggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac actgnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg agggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttggtgg gcctggacce tcnncttaag ngagcttggg 360
 ccantcagag ccaccccagg ngcccctncc ttatctcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttntctatc 480
 ttncattcct gagantctn nagccaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtn ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg cctttattga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatggttca ttgttccctcc 720
 nttaaaann gaaatacaaa ngcttcngcc tttagaacnn tnntggagnn c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
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 gaggatgcat gaattactgc attaaaattg atttatggga attattgttg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgcctatc gcactaggaa atctgagggg caaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggt ttctggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgccttca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaataatgta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatggtg tcttgatgc tcttccaagt gccagattca gagaccaggt ttccttccat 660
 tttnggctc cattatcatc acttggctnc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 4196
tntnnttccct aatngntggg ctacttggtc tttctgcagg tatcccatgc gattcggttg 60
ccaaggattc tattgccatg tgttgaggag taggagcaag gagatagagc aggaccaatg 120
ttacaataag aaccactat taaccccaa gaatctgtct tgtgaggag ataaatagtt 180
atcatacatg cgataagtcc cacaccagca catgaaaaga ttagaagaac aagagaaggg 240
aagaaaccta ctgacctgtt tcagggtggg atgcttcata aagaggataa cagttaagcc 300
actaacagta atgcctctaa tcttgaatct gttacctact agttttgtgt ccttgggcag 360
gtaacttcat gtttccctgc atcagcttac ctttaaaatg agaataatga taattatcta 420
acagggtcct tactgaggat tctgtgagat aatgcatgga aagagcttaa gtccatgcc 480
aggaaatact aagtgtctca agtaaagcat tttttttcc ttttttatta cctagtccca 540
caagagcaat ttttttatat caagattagc tttaaattca gaaggaaagg gaatacttga 600
atggctcatt gccagtaacc ttatattgat gccatgtttt gactttgaga ctttttttgg 660
agtctttttt aatggnaata cagggtttctg gtggaaacca cccttgttgt caaaaagttt 720
cnntgacctt gtgtgtgtgt ggnggggtgg acacatgtgt cct 763

<210> 4197
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4197
ntntttnnnn nnctnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg 60
ancccatcga ttctgaattcg gcacgaggag gcaggcaggg cntttgggtc ccttggttcag 120
ctgttatggg gcttaggccca tgctcagtgc tggggacagg agttttgccc aacgcagtgt 180
cataaaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg 240
gggtcctggg cacattgcca gctgggtgct gagcatngan tcaactgatct cttgtgatgg 300
ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn 360
gagctcctta ctgtgggaga gctgcaggga gccaaaggagg gctgcctgac acacttgccg 420
ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctgggtngtc accttctncc 480
acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc 540
tgacactnng tttaaaaatg agctccctgg ctcantgggg ccttntagaa tctggaacca 600
gacggagggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc 660
actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat 720
tcttttcngt ttttaagagac atgggctnac tcttgnnaacc aagctgggaa tgct 774

<210> 4198
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4198

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ntnttttnnnn nnctnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg      60
ancccatcgga ttcgaaattcg gcacgaggag gcaggcaggg cntttgggtc ccttggttcag      120
ctgttatggg gcttaggcca tgctcagtg gcaggacagg agttttgccc aacgcagtgt      180
cataaactgg gttcatgggc ttaccatttg ggtgtgcgct cactgcttgg gaagtgcagg      240
gggtcctggg cacattgcca gctgggtgct gagcatngan tcaactgatct cttgtgatgg      300
ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn      360
gagctcctta ctgtgggaga gctgcaggga gccaaaggagg gctgcctgac acacttgccg      420
ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctgggtngtc acctctncc      480
acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc      540
tgacactngg tttaaaaatg agctccctgg ctcantgggg ccttntagaa tctggaacca      600
gacggagggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc      660
actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat      720
tcttttcngt tttaaagagac atgggctnac tcttgnaacc aagctgggaa tgct      774

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<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

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tccctttnaa ctccctgaat cccttgaatt ncttatccca tcgattcgct gatctccaga      60
cccataaggg agatgctgag tagacaactg gggctttttt ggtctggagt tcagaggaga      120
gatcggggaag gtgtccattt ggagtcattc acgcagagat gtgtgaaggc tgctcaatga      180
ttttgagggt taaagaaaaa aagagatgtg aaaccagggg cctgatgag gctgcccagg      240
tggttaaggaa gacagaagag aagccatggg acagctgagc ccgggcaccc tcaagccttg      300
gaggcatgaa gnttgggtgg gatctgncnn naaacacctg nnanctgtca gngggccanc      360
anaccctnta gtntcacnga nnnntnncnn nangcaaat ggncntntna anatctcngn      420
ttatntaccc ntngnagtca ngnnngacta cntnanaaca tncnratatg naaanntatt      480
tcgcngcact cngnctttta ccanntctgt nctttnctct gggtagatgn tcgnnatntt      540
tncnnggaaa anattaattg gctntttntt nnanctnngn ngaactgtaa anttnnacc      600
ttenacannn aanntttntc ctenggggct ncttncaatn nacntaatan ggncacagnn      660
nannctnanc anatnannaa acccttannt atannacnnc nnnannaaan anttannngn      720
nntntacncc cananctntc tncnnaaaaa tnggnnncc tcnttcnna aaancntcat      780
nnntnantnt atanannggc ncatttnact ctnnccctat aanantcnn ngnnntcccc      840
annaaatctg gggnaacaan ctttgnnttc aaannannnc tctnctnnnc nctcacanac      900
gncantntnt ncaannngnc acttacnnna antntntcta ntatatctnn cnnngntcnn      960
nnatntnngn cntnntctna ancnttttta tttnnanana nnaacnttan anccctatn      1020
ncttnttcta naagcancnc naacaanttn tccnngnct cctnnncc      1068

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<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

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tnnnnttnnn nnnetettca aatccttggt ctgcctttct gcaggatccc tcgattcgaa      60

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ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggg	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggaccccgga	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggattccc	acaaatgtga	caagaggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctgggata	agagcaccca	tcaggcttcc	360
attactgtgg	gtcccttaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactccccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtagtga	tcaatgatgg	ccagcaggac	540
tcattctctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactggtat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggctt	cctagtgtgc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4201

naataccagc	tacttgttct	ttttgcagga	tcccatcgat	togaattcgg	cacgagaagg	60
ccttaggctt	tttttttcta	gggtgagagt	gggggagaga	tctcttgctc	tggtgccag	120
gctggctctc	agctcctggc	ctccggcagt	cctcccacct	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggttagagt	aacacctatt	tggtgataca	360
gatcaacagg	gtgtctctga	ttaatcttagc	tcctacatag	ccagaagcaa	gttcattatg	420
atctagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggctc	480
agatgatgtt	cagtttataat	ctgctgatag	tgtatatgca	ggaaaacctc	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4202

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4202

ggnnnnnnn	gggaacattn	cncnanatgn	actcnttgca	aacgccccnn	aatgcaggat	60
cccacgatt	cgctgaaacg	gaaacctttc	gcaaagcctg	tgcaggcaga	ggattttaca	120
cacatccttg	acgtggcact	gtgtcttcag	gggtgctgcc	ctcttacaga	gagacagatc	180
tggaggccat	ggcgtttttg	gtgagaaatg	ccagaaacag	cttcagtctc	cacctactgc	240
ttcatattta	taatcacagt	aatctatttc	tcgnttngct	atttctagag	caacaaattg	300
tgtgatgcga	aattagtacc	agaggaacaa	tgactccact	taacaaaaaa	atagcaaggg	360
aactatgaaa	aatggcacia	ctgcttaact	ttaatagtgtg	aagtcctttg	gagacttcag	420


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tagttgaaat gacacagaaa aatcctcaaa ctaacatacc tacatgaaac tgagttttctc 480
aaagtaaccc acatttatgg aaatagaagt ttgnnttgca gaaacatcag cncattttgt 540
aaggngtatg tgatatttaa anttgatgat cttgngaata aggggaatggg gctntaggtc 600
tgaggaaaagg ggagcattca ttcaaactgg gaggggggtt tgcattttta aggctgctat 660
aagggcacga acttgngnga gacttggacc ngntttccgn atgnatnggg gaccntctgg 720
tctaagccat tgggggngnc nggactttct ccaanattct ntccaaacnt gnctctctta 780
atttctccga a 791

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<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4203

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ggnnnnntgn nnntttcnaa tncnngctac tcgttctttt tgcaggatcc catcgattcg 60
aattcggcac gagattacaa caatatggat agtagggagg aggaaaacaa gaggagaatg 120
ggatcaacag aaggcatata tggggagtggt ctggatggct ggaaaattcc attttttgac 180
caagatgtgg taaacacggg gagtaaagtt ataatttttt ctcttactgt gcttttaggt 240
tttggtgctt tctgtctgta tgctgtgttc cacaataata aaaatattta aaaggcaaaa 300
aaaagtaaaa taatgaatat aaaattacac tgaaactaca tattctcata gatagaattg 360
taattattag agtttttggc gaataaagtc aaatagacta ttatagtagt tataaacgca 420
agttaaaatt ttagggccgg gcaaagtggc tcacgcctgt aatcccagca ctttgggtgg 480
ctgaggcggg tggatcacct gaggtcaang tggtcangac cagcctggcc aacatggtga 540
aagcncntat ctactagaaa atntaaaaaa tttncctggg ttttgngngn ggggctcctt 600
taatcccaaa ttactnnggg gaggggtttg ggcaangaaa aaatttnttt caaacttttg 660
gnagcccca ggtttntan ngggcccttn naaatttttn ccaattnccc ctttcaagcn 720
tnngggggaa caaataatta aaaacnccnc tttttcaaan ttngaaaaaa aaaaaaaaaa 780
naaaaatttg gnnccttttt aaattttngg ggggggggaa ttttnnngaa aaccccccaa 840
tnnt 844

```

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

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aaaacnacag gctactngtt ctttttgtag ggatcccatc gattcgaatt cggcacgagg 60
aaagttgaaa tcctagttec tggagtcctc tgtgatggca aattctgcct tccttgtttc 120
ttcttttttt ctcctctggt ttcccatttt agtagttcaa atgggttttg tattattgaa 180
gacaggtatg tctcaaatec atggaactca caaaaaaggc tcattttcta tcctcaagga 240
gctttacatc taatggaaaa cacacagtga agtccagaag gactcactgt ggactggtag 300
caccatgagg gctttccatg aagaaggact taagccagac ttagcagggt gggcagggtg 360
tgaaaggagc tcatagattg ttccaagtta ggagagcatc ataaaaagag atggaaattt 420
acttgctaca gtttttagatt tgctctgtct atagcagaga gtccatttca gagcatatag 480
ggattgtcag gacttaaaac ctgctgtatt tcttacttaa gcaccctct cccagaaatg 540
ataagagccc anctttgggc cttggaatgg gtagtagaat tgggtatact gtctatcata 600

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tganaaaatt	gcntngaacc	aacccccccn	cncncncaaa	tgcttgcctg	tnaaactggn	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	ttnccaaaat	gtccccctga	aanaaaaggt	ttttgggggc	ttntttt	777

<210> 4205
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (828)
 <223> n = A,T,C or G

<400> 4205						
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cacgagagaa	gctccactgg	cacttttgta	ttcacaacta	ccgggtgcga	taaggcagtg	120
agggttatta	tgataccctt	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gacccattaa	aatatactat	cctgatTTTT	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	nccaanttca	ctntgggctt	ctggactccc	atgcccaaca	360
gcctgcctga	tgcanagtg	tccttcaaga	gcctagtgn	tgattctttt	ttngtgccan	420
ganacagact	gtggacctgg	agaggggtng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataaggg	cctncgtttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600
taaccagntt	taagccacng	gtgttgngnt	gggcaccatt	ccannngctt	tngggcncat	660
ggtntntntaa	accnaagtcc	ccctcnatca	anngettnnt	taannanggg	ngcctttgan	720
ntntnttttc	tttctctccag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
nnaaaaaatt	tttttttnc	gggttcenna	aaaancttng	ntnnnttn		828

<210> 4206
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (834)
 <223> n = A,T,C or G

<400> 4206						
tncaatncng	gctctngtgc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggctcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatTTTTg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggtggtaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	tttttttgata	ttatcaatta	360
tgagtgccat	aatcagattt	gttttgtgct	tagaaatgac	tttttacagt	tggtttgttc	420
aaatccagat	cagataagtt	tcacacattt	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aaggggccaca	tggggaagct	ttatggaatc	ttccaacaat	ttgttgttcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagtcca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcgggtggctc	acacctgtaa	tcccagcact	660
ttgggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcacta	aaaattcaaa	aattagctgg	ncatggtggc	gtgcgtctgt	780
aattcccagc	ttcttggaag	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207
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 acccagttta agggacattc tgtacgggtgc ctgaatggcg ctctgaaaa ctgtgcaggt 120
 cctcaaggct gaggaagcg taaactgtcc cagaccaggg aggccaagga ggcgcgatga 180
 ctcaatgtca tgtggtgccc tggatgggat ccagggacgg gaaaaggaca cttgggaaaa 240
 actggtgaag ttcacgcaaa gtgtccgggt tagttcagca tcagagacca atgatgggtt 300
 cttggttgtg acnaaaatgt tccatgggtc gaaagggtgc aacaccaagg gaagctgggt 360
 nagagggtta ccagaatcct ctctactgtc ttttcagctt ttcggtaaat ccaaaagtac 420
 tttcaaatga aaagtttaat ttaaaaatga gaagccacct cccccacgag atcatgaagc 480
 tccatgaagg ccaaggccat gttaatgcca aatgcatgtt ggttgaattc actcgtgtt 540
 ggttgaattt actgatgttg gttgaattta ctgatgttg ttcaatttta ctggatgttg 600
 ggtgaaatca tttcatgttg gttggaattc acttattact gnggtntctta ccattctngt 660
 tgcagccctc ttcattcttt ttttctnaat ggncaaacia ataantnggn tgtanttaca 720
 tattttattg gngtntaaat gngngataat ttaatatntt gtttttaaat gnnngnatna 780
 at 782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208
 atnnnnnnntt tctaatacnn ggctactngt tctttntgca ggatcccatc gattcgaatt 60
 cggcacgagc aaataagtta aatgtatatg gcattggatt ggaattggag gtatcagtgt 120
 gaactcatgg ttttggtttt tttgtttttt gccctttttg ttttggtttt gttttttgag 180
 gcagggtgtc actctgttgc ccaggctgga ngaaatactc annaacgana cncatatngt 240
 tatcanaagc tgctacgcnt ntcattggnt tgttanngan cnacacagat agtctntntg 300
 tattcanaga cttannctan anagagacag natgggaatt aantgttaan gtgctagcca 360
 acaagtaaaag attncataa aacaanggtt atatncccag tcatcaaagt gataaatttt 420
 ccctgctaac tttagattaa aaagtanttt ttangccann ttgtgngngg ctacacacct 480
 tttntccctn cactttttng caggcntnan ggttngacna natccctttt nacnnttcan 540
 gaantntttn nnnaccctcc ccttgggcna nncantggnt cgnaaacccc ccattntttt 600
 tcncaaaaaa aattcccaaa ntttcgcngc caccgggnnt ngnnntnccg tgggtancnt 660
 gattnttttc ncncttccan ccggnnnngn cncnacngcc ananaaaaaa ccttctntnt 720
 anccctngnn gaggcncnn gtttcncnat ngnncccnna aaattggggg cttttagnan 780
 ctctttaccc ctngcennnc nganttnaan cnattctttt aaataaaaaa accctcctta 840
 ancttattat ngagtcgta tttncntanc aaccntacn tc 882

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4209

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tcggcacgag agaaagattt tctttattaa tgacccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tgggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttctctc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggcgtgc gcggttcagc accttgagga agtcagacgt tttcgcccg      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggtg gtgcaggtag tcccggaaac      660
tgtggatcag gttgatggtg tttgtctcga genenennnn tnnntnntnn nntnnnnntn      720
nnnnnnntnn nctnnntnn ntnnnnncct tncctnnctc tnnctennct cnetnctnnn      780
tctnnnnn nntnntttct nnnnnntttt nttnnctctn nnnnnnnn ntntcnnnnn      840
nnnnntnnn nncctttttn nctnnnnnn ncnctenncc t                        881
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<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

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ggnnnnnnnt nnnntttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg      120
ggggagaggg tccagcagct tttaaatggt ttcacatcgt gtgttccaaa aataactggt      180
tagcctaagt cacttccacc ctccaatggt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgagggtcga cttaataaccg cagtcgccac      300
ttcncggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgagaga      360
gctcctgcta ggccgtgcgcg tcccgttcta aattcttacc cttagttct tgtcaccacc      420
ccgcgcgtgg gaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
accgggaatc ggatcctagt cccacccctc ncgnccaggc tttcttctgc aacaggcgtg      540
ggtcacgctc tcgctcggtc tttctgccgc catcttggtt ccccgttccc ttgcacaaaa      600
tgcccggnga aaccacagaa acccgctcct gctacagagc angagttgcc ganccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt ccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaaa tcnatgaaga      780
ccatc                        785
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<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (839)
 <223> n = A,T,C or G

<400> 4211

tnnctnnnt	tggtanact	ngnntttcta	atncttggcn	atcgnantnt	ntgcaggacc	60
catcgattcg	aattcggcac	gagccgacta	cttgtgcagt	ttgccctgct	gagccctcct	120
cgccccggga	ggcagaagg	gaggggtcct	cagcaatatg	ctgagcacct	cctaaacaac	180
atcacctgaa	aaangaacct	agangaganc	cattctcaaa	tctgatcctg	gactgagctc	240
gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaag	300
ggtccagcct	tgcagtccan	atcctgaaaag	gcctgggaca	aggccaggta	atgtggggag	360
tccntcctgc	atgtgtgcag	gatgttcagc	ggcatccctg	gccaccact	atgatgcccg	420
cagcaaacc	ctcagttggg	acatttataa	atgtctccag	acnttaccaa	atgggacagc	480
attgnaccca	tttganaagc	accggttgag	agcaaatnca	caaatntnta	aaatgggaga	540
tttgggccgt	ggngngcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctgggagga	600
tcntttnatc	cccaggaggt	anctttccgg	nngggcgaa	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaaanaaaa	cttngnnncn	ttnttaaaaa	nttttatnng	gangtnggt	ttaccgttga	780
anccccncn	ttgaaaaana	aancatttgg	tttaagnttt	gggccnaaac	ccacancnt	839

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (794)
 <223> n = A,T,C or G

<400> 4212

ggnnnnnnng	nnnnttcnat	nnnagctctn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtttaaaa	atacttcttt	gtaaaagtta	ttgcacaaag	aaaagacatg	120
aatgtgtccc	tggtatgtac	tcacaaggat	aatgatgggg	ttgttgctca	ttaatactgt	180
ttcttgtgca	ataactttta	caaagaagta	tttttaaaact	gatcattaat	tttatgacca	240
cagaaatgag	atgcaaaaatt	tatgctattg	tcagtggcac	aggctcacag	caccactgac	300
attttgtgtg	attgtaatat	aatggctgcc	aactaatgat	tctgtagaca	tttcatttga	360
gtgtgctttt	cttttagatgt	gtgattagct	gtaatgcttt	cacttatgtc	tgtaaattat	420
attggatatg	tttacctgat	gcctattgtt	gatttggagt	tcagttttgt	attacataaa	480
tgcaagttga	actttttttt	tttaatttat	agaagtcttt	gcagggtataa	ctacaaatac	540
tcagccccctg	gggaggaaaa	atgctttgca	ctactcaaca	gtaacccttg	cgttcagtta	600
aaactcctta	taagacagca	gcttttactc	tttattgggt	cgaaaaaaa	aatanggggg	660
aggaaaangg	gatggaccat	cctgggacaa	tggttaagaat	gaagaanacc	atcttggaag	720
aatgaggngt	ccttccctta	atgcaagggt	aaaaaggggc	tnntccttna	tatatagcaa	780
tatagaatct	ttgg					794

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (775)
 <223> n = A,T,C or G

<400> 4213

nnttaaganc	agctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gagaggcagg	gataccagat	atggggaaat	ctgtaattac	atgcaggcat	taaataattta	120
aatatatatt	ttcttctttt	aattgtggta	aaacacatat	aacataaaat	ttatcgtctt	180
aaccattttt	aagtgtactg	ttttgtagt	ctgagtgtat	tacattatta	tacaaccaat	240
ttccagcacc	ttttcatctt	gcaaaactaa	aactctttac	ctattaaaca	actactccct	300
gtttctccct	cctcccagtc	catgagaagc	accattttac	tatcttttct	gtgagtttga	360
ctctacaaac	ctcatgtaag	tggaattatg	caatatgttg	acaaaccaa	ttctgtacaa	420
tatttaaaga	ggtttagtct	gagccaaata	tgagcaacca	tggcctagga	cacagtctca	480
agaggtcctg	agaatatgtg	atgtgcctta	ggtagtcagg	tcacagcttg	gttttgtcat	540
tttagggaga	cagaagttac	agacaaagac	atacatcaat	acccgtaagg	cacatgttgg	600
ttaagcctgt	ggaaagatag	gacatcttga	aaccaggcca	tcacatgtca	cangtggatt	660
caaagatttc	tgattgggtg	aaaatctttg	gttgggtgna	agaagttaag	ctttgnctaa	720
aggcttgga	gtcanggaga	aacaattgct	ttgagttaaa	ggtaangggg	gtgng	775

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

tnnnntttcn	aatactngct	atttgaactt	tatgcaggat	cccatcgatt	cgcaaaccgg	60
anatgggtn	tttttcgngg	ggngggggang	gaacanattt	gcattaacaa	ctactgngaa	120
ttntccatnc	aangataatc	tcncatgtcn	aanancecnt	ttnttaaatn	nngaattggg	180
ttgggcttat	cagaatannt	ntttattaga	ggcttttttn	caaantcac	nggttnacc	240
tgnaancccc	cataatnntn	tttttaancn	gctgntctan	ggatgagccc	canttanttn	300
ntgcaagnng	ggnanacnn	nntgtgtnan	tncanatnnt	ntgctngaac	cngnncactn	360
nttcataact	agctngancc	catttcccgt	gnacttcggg	cgntnnannt	tnntangccg	420
gccnnaacca	atgantaggt	gaaaaggacc	cncatgtnac	ccccaaangna	tanaccccat	480
atttccatga	antannacct	tnntctgtng	ggatgcccc	tcttagaanc	tntggnncat	540
gnngagnngna	agccctgagc	attntntntna	acatgcctac	ttactnncn	aanttgcnag	600
ggantgtgnc	ngtgccantc	catgaatggg	gtanggcgca	gatccnccga	aacagcccan	660
ttgntaccca	tgagatatgg	aatnttccn	ncatgtggca	antaatggcc	natttncaaa	720
nttgngggaca	aantgaaagg	acttgtgttg	ctnggcnnna	aaanagggng	gggggtggg	780
natttttaan	aatcctt					797

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

ggnnnnnnng	nnngttena	atgcttggca	atcgntntnt	nggggnncn	tcgagacgct	60
ggctccttta	tcagatatta	ctggatcatc	acctgtgnag	gctntntgtt	taatgatnnn	120
nancatttga	atggcaacag	ntgcgnatgn	atcctgccta	naancacn	tactcgntan	180
nnannttggt	gtgtgcntgc	ntctantnnn	cnaatcctg	tgcacacatc	ggaatttnan	240

tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnnnca	nnntnatggt	gntgggcncl	gnaaaggnc	tgaaacangt	360
cgtatgnncn	tnacanggca	ccnggcta	atgctactgt	gtnaacncag	gnnatgagct	420
gcagcnttgc	ctnncttacn	antgctcact	gggtgtgaag	gacctgcttg	tgaggttnt	480
gttngccttt	tnctggactn	annntaancc	nnnacnaang	ccngcattgt	tcattaccan	540
tngeccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagnggacn	ngaacgctt	cttacntcan	ggggccactt	tattaanatg	660
ggngaacttn	ncacntnnng	ctcctangcn	cttccaaggt	naccttnggg	nnccnntggg	720
gaatttaa	aantncacaa	nggtggtctg	aaaatcttcn	nnggggactt	aattnaaaga	780
aattnatctg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccnna	840
nnntnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 4216

gngnnnnnnn	tttgnacnt	tgctaagtct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttgtacca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aaatgatgct	gatgtagcat	ttatgagcct	taaaaaaca	acaaaaaacc	180
ttaagatgtt	aaatttattc	caaggattct	ttttttttgt	tgtacatgaa	tgttcatatc	240
aggttttatt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaagt	acggtacatg	gatattgatg	actacctcag	agcaataaaa	aagaatggac	360
tattgataca	tgctacaaca	tggatgattc	tcaaaggaat	gacgttgagt	tcagaaagca	420
agacaaaaaa	gtacattcta	tatgattcca	ttaatatata	ggaatatatt	atattcaagg	480
aatagtatat	aaatatataa	gaatatttta	tattcaagga	atataaatga	atataaatga	540
tataaagcag	atcagtgatt	gccaggagat	gaggtggaga	agtagagagg	ggaggaaaga	600
agggattact	aaaggacatg	aagaaaactt	tggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agtttggttg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catattttgg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttccgtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4217

gnnnnnttgn	tcnaaagccn	ggnaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcggttt	tgccctttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tcttgccgng	ggggaggggt	tgcgtcgaga	cctgggccc	gggaggttct	cctgcgtcac	180
tttctgtcct	gaaaggcgcc	cttcctggtt	tctgtggctc	caattttcta	tgagcccca	240
caccccttgt	tgttttgatc	ctgagaaata	aaaggagggc	tgaattattc	aaatttaa	300
gaggtttccc	cttcatggaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360

gacacaggtg	ggtggaggcc	ctttgtgcgt	ggctggtcgt	attcgggcag	ccctccgtcg	420
ctttttataa	aactttgngt	gagaagaata	tattgataat	gtcagtgaag	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatattttt	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngnggcac	600
gggggacact	gtactggata	agntgggcan	acatccctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218
<211> 849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (849)
<223> n = A,T,C or G

<400> 4218						
gnnnnnnnnt	tttnaacttg	caatcgcttg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacaac	tggagcttag	tcccactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatatattagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaat	aaaaattggc	tatggaagta	tgaagggtata	tgctgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	ccccgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaaaac	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780
atgctttatt	tgngaaat	gnggatgcta	ttgctttatt	tngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (794)
<223> n = A,T,C or G

<400> 4219						
gnnnnnntnn	naaancagct	ctngtttnna	aaanantgct	acttgttctt	tttgcaggat	60
cccacgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgcca	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatcccat	caccttagg	180
ggttccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggccctc	ctggtagagg	gtcccgggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctgggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	540
ctattgcttt	atttgttaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtgggangg	ttttttaatt	cgcgggccgc	660

ggcgccaatg	cattggggccc	ggtacccaac	ttttgttncc	nttaatgagg	ggttaattgc	720
ccccttgggg	gaaaanatgg	gcatagnttg	tttccttggg	ggaaaatggt	attcccttca	780
cnaattccac	acac					794

<210> 4220
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4220						
atanagctat	tggtcttttt	gcaggatccc	atcgattcgc	gcccctgcat	gatggcagcc	60
gcactcctgc	ccagagtggg	gcctgggacc	ccaacaaccc	caacacgccg	tcacggtcaa	120
cccacaatac	aaccgcgaga	cgccagggac	gccggccatg	tacaacacag	accagttctc	180
tccttatgct	gccccctccc	cacaaggttc	ctaccagccc	agccccagcc	cccagagcta	240
ccaccagggtg	gcgccaagcc	cagcaggcta	ccagaatacc	cactccccag	ccagctacca	300
ccctacaccg	tcgccccatg	cctatcaggc	tagccccagc	ccgagccccg	ttggctacag	360
tcctatgaca	cctggagctc	cctccccctg	tggtctacaac	ccacacacgc	caggctcagg	420
catcgagcan	aactccagcg	actgggtaac	cactgaacnt	caggggaagg	ngcgggacac	480
ntacctgnat	acacaggggg	gngggacaaa	acaggtgtta	tcnnnnagtt	gncacnggta	540
cngtgggggg	ccaagngtgg	gnggnntgaa	acagntnttt	ttttttnttt	gnttnccccc	600
ttaaaattgg	ganaanaanna	cccttttncc	caaaaatggg	nganaacccc	aaaantnggg	660
caaaaaactt	ggggatttgg	gggaaaaccc	ttaaangggg	caagggggga	gcntttnttg	720
aaaccccaaa	ngnggggnt	ntttaccctg	gatttaancg	ggggaaatna	agggangggc	780
tttccttttg	ggaaagggan	aaaattttgn	gcccaaaaac	cttgt		825

<210> 4221
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4221						
cgnnnnnttg	ttgaaanagc	naggctactn	gttctttttg	caggatccca	tcgattcggt	60
ttcttgcagt	tactatgctg	tccttcctat	cactacctgt	tggctgaggt	agtgataggc	120
ctaaatgatt	cattatctta	aatgtactaa	atatgttgag	taattttttc	ttctaaacta	180
acagaaagag	agaacctagg	agttactccc	ttaggctggg	taaagtgaag	ggtagccaag	240
tcaacccagc	ttgtttcctt	ctctcattag	gaaagaacta	ttgttcattc	tcataacaca	300
ctttttccaa	ttgcaaacat	actcagggtt	aaaatagttt	agcacaaatt	gcagccattt	360
tcatttggtc	ttcacaagct	ggaacttttc	ttgtaagcta	aatattaaat	ggttcaagta	420
aattggatac	ataagcctga	aactaggcgt	ttctcattat	acatagagta	taaattaaga	480
cagacttttt	catggtgaaa	ggtttacagc	ctttaaaaca	tctgggaaga	agtgggaaag	540
tagggaataa	ctctgttaaa	tatgataaaa	gacaaagcac	caacaaaggc	ctagttctaa	600
acttggtata	atttctcatg	gggaagtttg	ngggttgtca	caaggttatg	ggcgggtcca	660
agcaagttta	ccaatatctt	tttagaaata	atnacctccc	cagaaaatat	ttttnaaaaa	720
taagggaccc	tttcntttta	atatggnaaa	ananaanaaa	ananaannnn	nnntnnnnnn	780
nnnnnnnnnn	nnntnnnnnn	nnntnnnttt	ctnnnnnct			819

<210> 4222
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 4222
naataaccagc tactttgttct ttttgcagga tcccatcgat tcgaattcgg caccgagaagg 60
ccttaggctt tttttttgta ggggtgagagt gggggagaga tctcttgctc tgttgcccag 120
gctggctctc agctcctggc ctccggcagt cctcccacct cagcctccca gactactagg 180
attatgggca tgagccacca caccagcca ggctttttat attgagttgg ttatatatgc 240
ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc 300
agtgtttctg taagacagta tatccaatat tggttagagt aacacctatt tggatgataca 360
gatcaacagg gtgtctctga ttaatttagc tcctacatag ccagaagcaa gttcattatg 420
atttagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggctc 480
agatgatgtt cagttttatat ctgctgatag tgtatatgca ggaaaacct taaaaccact 540
tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggta 600
taaatttcat ttacantggg aatgtaaatg ctgtcatttg aatcttgnca aagcctgcta 660
ctaaaactct taaaancctt gctaggggaa taagtcttta ntncacaaaa caatatanan 720
gggatgtgn gtggataata caaggacaac catatgttgg tggcnt 766

<210> 4223
<211> 873
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(873)
<223> n = A,T,C or G

<400> 4223
gnagnntnnn nntttgnaac nctggctact ngttcttttt gcaggatccc atcgattcgn 60
attntgaaca agctgtntcg tgtgtacagt tgctgctgtn attgagccag cagtgccttg 120
ncctgcccctg canngtctgc acagctccca ctgcttctat nngntgttgg gcncgtgagg 180
catgacttgg angggggcct ggtgcctgag gacctgctga agagaatgct caccaccagc 240
tctntgntnc cctttctgct ttggnaatca acacgtgtnt gcctgcagtg gccngnaccg 300
tgactgttct tgcccttgct cctagttaan agccttcaaa agcataatga acactttnga 360
tatgatattg gaactttagt aaatgcttta ctccctctca attgcccnc aatgccttaa 420
tnttgtggac tgtttatttc aacagggtga agtgttggtc ntgcgaaatc ttggtnttcg 480
catttcaaga agggagtgtt ttattanttc ttctttctat ggaacgttct aagtgattgg 540
atntaaagaa gggctctgaa gcaggagttn ncacctgctc tgagggaact tggggctcca 600
gggacgtacc ccaaatgtgc gccagnttt gaaactccct gacagcctgn tactacntag 660
tgggctogag ggtttncann atgaagaaga gttgtntccc taaaagtggg tgaaacctg 720
tggctttcaa agcaaaggta ccnttgtcc cancattntt nncggnaggg aggggntca 780
ttggaaaacn tgtngggcaa ncctgntggg ttttggctcc cctgntngt nacaatnggg 840
acctntttt gaacngtnng gaangggcta nnt 873

<210> 4224
<211> 776
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4224
 caaancagct ttengacccc ttccgaccca tcgattcggt gctctatgtg atgtttatta 60
 tcaaatacat ataattttga agatttttaaat gaatgnntta agattttatc tttgtgtaga 120
 atgtggctaa agaaacctta gttgagattc aagaagttgg tgtctgtttc tgattcttat 180
 cacaacctgc tacttagtgt ctaccaagtc ctccacctct ttgctcctca aagagctgtg 240
 aaaaatgatg gcaggagccg gtacaacacc acagacttag agaagggcac agtgctgctt 300
 tattgaatga tctaccaagg taaaattttg ccgggtcaag aaatagcaat ttaatccatt 360
 taaaggaatg aatataattt gaaacattaa cttattttcaa gactaacatc tcaaagtgtt 420
 gagacctttt ttaaaagagc tttctggatt ttgagcatatc tttcactggc tgtgatttat 480
 aagaatttgt ggtttgngga gtactgccta aatgccaggg taaaataagg cagncccatg 540
 ccttacctgc cctgggctca nggcctcaca tccttttggg acgcacatct tttctcttct 600
 cccttgntct gctctcccgc agcatatacc tcctagcccc cagagcaaan nnnnanaaaa 660
 nnannngnnn cnnnnannnn ttnnnnnccn annnnnnnnn nngannnnnn naaaaacnnn 720
 ngcctttnaa ananatnggg gggncnnntt nccgnaaacc cccacnnngt nanaan 776

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 4225
 gagtnnnnnt tttgnaacct tgctaattgct ggctactcgn tctntctgca ggatcccatc 60
 gattcgaatt cggcacgaga gcagattcag tgtcgatgag agcctgcttc ctgcttcata 120
 gatgatagaa gtgcaaagcc agctgtctgg gcctttttta tgatactgat cccattcatg 180
 aatgctctgc cctcatgatc atttcaattc ccaaaggccc cacctcctaa tattatcaca 240
 gtgataattg ggttttcaac acatgaattt gagagaaaca cattcagttc ctagcattag 300
 cttgcttata tttatttcat ctcatctctc ctcatagctt ttatttttgt tccccctgtc 360
 caattttatta tagttttttg tctttttata acttttaacc atctttttaa tttctcttat 420
 ttattttctc ttttactgtt gagttacaac tctcggctta ttcagtggca aagcaggaag 480
 agatggcact gaggcattct gatcctgaag gatcctttta ttcctccttag cagtcttaac 540
 attttttcca tcagcccctg ctatagtttg aatggttgtg ttctctttaa aatccatgtt 600
 gaaacttgat ctccaatatg acagtggtaa gaggtagggc cttataattg agagcactac 660
 aggggtgagta cactcaataa taatgnattg gatattttaa ataactaaaa ttgtataatt 720
 ggaaatgggt cctaacccca aaggaaatgg ataaatgctt ggggggttgat ggataccccc 780
 aattaccctt tatggngant catttacata ttnaaatgnc ttggatcaaa accattcacc 840
 ancattcccc accattaaat gntntnnn 869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tcttttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgcactg	cactaaaaat	120
caactcagct	at ttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	240
tttttttttaa	gcggctgtgc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcacttttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagtgaact	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaag	ggaagcgaat	aggctctgta	gtaggtggca	aaaggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaacc	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatatc	ngctacttgt	tcttttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttgggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccattggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcttgagcct	gatgggtgta	agagtgggaat	240
taactgcctt	atccaaaaag	acaagaccta	tagctacctg	aataaaactac	cagtgaaaag	300
cgaatatccc	tctataaaaac	tgggtggtgga	gtggcaactt	caggatgaca	aaaaccaaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgttttctcat	ctctaagtgc	ctcattgagt	420
tcggtgcac	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gaggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggg	tctcagtggg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tgggttagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttgggaata	aataaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	ngggggggccg	nntttacctt	anaatcccgn	840
accttggtatt	angnatnccn	tttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

ggccngtncc	ccttattgga	acctttctaa	tgtctgntta	ntccangtac	cnntcgtacc	60
cacgattcga	attnggcacg	aggctccacc	cagttctccc	agttcntnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttctctggg	ccgcacaact	cctnatccgg	cgagattgct	180

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gtcatcagcc tanactcctt cgcgctgctg tcccgcntgc ggaacaagnc ctatgacgng      240
tttggctggt ggctcaccn ngaccagcct catcttnngg aacctgcacc gnattgnana      300
tatnacctnc tgctntgtgc tgnngcttaa cnttgnctan aacnatgtgg agtnngagaa      360
cgtcaacgng gtgaagcngg ctgnttaaga tccanaacct caatgncngc nncgtccgca      420
cgggtgatgg ggcccgnctg canccgnttc nacagtcctg anttaaaaca gttngccta      480
ccnnncaaan ancnaatncat antnctnatn tctntntttt ncttcnaann tnnecatctn      540
ntacttanaa tttcncttnc naancntttt cntnttttnn tntancntn ttctnnctcc      600
tccnnntct ctatcntgan nttcanntan tcttnnnnta ctacattctt canttcatan      660
tcnctcanan ttnnnctcnt annntncatt atccttncta ncnnaactc ttatcacnt      720
cgcanacanc tantnnctnt tcacncnate ttetaatana catncctcct ctgcncate      780
tctnacnctg taacntctat atntnttctn ctgcatnctn aataatatat ntacactcan      840
nacaananna canacaccnc tcatnttcat acttntnaa nctccnctcc tcatntnttc      900
tcgtcttnta catactcaac tactctatat ancgtngaen cnggnnatct ctncgaannt      960
tctcnctcac ttnagtcacn attntatcac tntcaactca tntcncgtct cctcctaaca    1020
nnccattac cntcantngt gntnttnnct cnetcaactn ctntacatca tnnactnntc    1080
tantcatgct nanatatang tcncttcana tacnncgnta ncccnngnat nttntctcan    1140
aaccacnnt ctatntttat tttcgtacac tgcaatcnca taatcttcgg catcnttcca    1200
tccgncatct ncnnnnnata tcanntnt                                     1228

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```

<210> 4229
<211> 920
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(920)
<223> n = A,T,C or G

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<400> 4229
gngnnnnnt ttgnaacttg ctaatgctgg ctactngttc tttttgcagg acccatcgat      60
tcgccaacat ggtggtctca aactccccac ctcaggtaat ccacctgcct cagcctccaa    120
aagttctggg attgcaggag taagccacca caccgctcct cagtgcctgg acttctgcag    180
tggaacttct ttaaaaatcc tggaatatac actgcagtag aagaacaaaag catacttcag    240
tcgtttaagg ctgaggtatg ctttgttctt ttactgcagt gtatattcca gccttaaacy    300
actgaagaag aatgtcaagt ggggaagtgg ctttggtttt cagtttgtgg gttctgaatc    360
cacacaaaga caggattgct ttctgaaaac ctgaattaat tattgtcctt acctcaataa    420
gacaaaaaat tagaatcaaa atcgtagta ttacagtcac agatatcacc aagattagtt    480
tggtgttata gccatatcct ggaacttctt tcgtgagcta aaaaaaanaa nanaaaaaaa    540
nctngagcct ntagaactat agtgagtcg tattacgtag atccagacat gatnngnatn    600
cattgatgaa ntttgacaa acccncaact tngaaatgca tttgnaaaaa aaatgcttaa    660
tttgnggaaa atttnnggga anccntatng gctttcantt tngnnanccn nttntnnntn    720
cnnggccttt anaccnangn ttanctacca accnaattng nnattnnatt ttnnantggt    780
ntnnaagggg ttnaangggg ggnnaangnt tnggnaagg nttttntnaa nttnnnnccg    840
gccnnnnntn ccnaantnca nttnggncnc cnngccnccc anantttttt gnncccnttn    900
tatngagngg gtnaanncct                                     920

```

```

<210> 4230
<211> 810
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

```

<400> 4230

gnnnnnttta	annnnnnnnn	ttttnaanat	acaggctctt	gttctttttg	cagggatccc	60
atcgattcga	attcggcacg	aggtgattcc	tatttcaata	tgtgaaacac	ttaaccaaag	120
aatatatttc	gatgaatctt	aaacttgcc	taaaaacaga	agaggttaaa	aagaatttag	180
aaaaaataaa	gttttagagt	gtttgagaat	gtgtatataa	aatattttca	aagccataat	240
atggatgctc	ttatggctca	gaagcatgcc	tactagaaca	cgtctcggaa	tgagagatgt	300
ttaattctgt	cacctcccag	aaagttttgc	agggtttctc	acttgaatth	gcttcccttt	360
gcaacctctt	gtcctgaagg	cccccttccc	acctggaaat	gctgaggcat	gggtgtgata	420
agaatcagtc	atthttgaaga	gaataagatg	atgactttat	taacatttcc	atatatgctg	480
attgtgtgtg	tggcgggggtg	ggggctgggg	tggaggctta	aggcaaaagc	tagaattagt	540
catatgaatt	atgggcttgt	ttggagagcc	acctgaggct	canccttagc	cctcaccac	600
ctggggagtt	tactacctgg	gggccccctt	tgncatgccc	tccacttcca	aaacaattca	660
attgcttttt	ttttgggtnc	caaaaataaaa	ccctcagcnt	agcttcttgc	cnannnnaaa	720
annnnnnnnn	nnnnnaaaac	tcganccttn	taaaaactat	aagtgaggtc	ggttttaccg	780
tagatnccna	accttgataa	gaaaacattg				810

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

gnnnnntttt	caaatacnng	gcctcgtgct	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagagtca	ttacaagtta	ggatcctggg	taaatggcaa	cctccacctc	ccaggttcaa	120
gcagttctcc	tgctcagtc	ccccacatag	ctgggactac	aggggcacac	cagctaattt	180
ttgtattttc	agtagagttg	gggtttttacc	atgttgacca	agctgggtctc	aaactcctgg	240
cctcaagtga	tccgcccacc	ttgacctctc	aaagtgtctg	gattacaggc	atgagccatc	300
acgcccggcc	acgctgttgg	ttcttaatga	cacagcttaa	ctttattgtg	aaaagattgc	360
agcaacaaat	gagattttac	ctgtatttgt	taaaaatgct	tatccttgtc	taagactggc	420
aacataagca	gttcttaggc	ttctatgcca	atggacacta	ggcagtaata	catgtgcagt	480
gctaatagaa	aatattggag	taaggggtga	ctaaggaagt	tctcaatctt	tccccttcac	540
tatcttctgt	aatgtaactt	caataaatgt	gattctcatc	ttggcacaaa	attgggaaaa	600
aaaaaannnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nntcnggcct	ntaaaacttt	660
agggggggtc	tttttccntn	naccnncnc	cttganaang	aanccnttng	gnngngntt	720
ngggcccanc	ccccaacntg	gaatngnnng	ngaaaaaaa	aggntttttt	tnggnaaaat	780
tnggggnngg	ctttngnntt	ttttttnnan				810

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

caaactnnag	ctactngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
atgcccggtc	aatttttcta	tttttctaga	tacagggttt	naccatgttg	gccaggctgg	120
tcttgaactc	ctgacctcag	gtgatcacc	gcctcggcct	cccaaagtgc	tgggattaca	180

ggcgtgagcc	actgtgacgg	gccttacatg	caatttttat	ttatagccag	tattagagaa	240
ttactaggaa	atttcatttt	tatatttagt	gggagaaagc	catctacagc	atgtcttcaa	300
gcatggacta	tctgtaacat	acagtgtgct	tgcttttgaa	ttgnttgant	gttaaatggc	360
cgtaactgat	tnatttttcg	ttaattgtta	atanataaac	cagatgttct	gaaatctgtt	420
cttaaagcag	ntgccctcaa	tgggtgnttt	gcctncctgc	ttctgagcct	cttgggntta	480
ctggagagta	caggtcataa	agagacctga	actcttggtg	tatcaaccat	tatgtcatcc	540
tctnactgcc	aacatttttna	aacagactga	ggtntgcctt	tcgtaanaaa	catntactta	600
catattgcca	ttccttggn	tacctggggg	aaagcccnaa	tcgttnttag	gacttnanan	660
ggaganacac	aggtctnttg	aaanggatgc	cgggggctta	atnaaataaa	aaacttttgg	720
ntcaataana	agtcgtgnat	taaaaacaan	attaattcaa	catttntggn	agaaggnacc	780
ttggggcngg	gaat					794

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(927)

<223> n = A,T,C or G

<400> 4233

nntggggntt	tcnnnncntg	ggatactntc	tctctgnagg	ngncgatggg	attcgaattc	60
ggcacgaggg	ggagnaagag	gggtngtngg	ttggaaggag	gaattctcct	ttagggaaga	120
tgtctgggaa	ggnctntctg	agagagtggc	cttngaaaag	gagaccctaa	ttggntgacg	180
gatgagaggg	tgaaccatgt	aagtatctgg	ttggaaaaca	ttncagcgg	ctncagangg	240
tntgtgcaaa	ggcctntgga	canggtcacc	cnngnttaca	tgcccnccnt	nagccagcct	300
nntaaagnaa	agggntntcat	naacaaattg	cnnaaancct	nnnnaggttn	gnacanaggag	360
ggagaggcnn	tggaatgttt	tgctngaata	gggttagtag	tgccctnca	tgattgacca	420
gttccccctc	tcnanaatgt	tnccnactg	ncgcaggttt	atgtagnngg	ggnctgcct	480
cccatanttn	gnccccctctn	tancttggn	cntgggntgg	gatgaangtn	catccganna	540
cancttttta	nagttgccc	nctgtctcna	ttnacnnatn	accccnncg	aaactttgtc	600
tcccnancac	cccaaggatt	tcccttnggg	tatcgncc	anaanaaagc	aannngtngg	660
atcaaaantaa	tgggcnccca	ncantttttg	aattatncta	cncctgnaga	ctcccnttca	720
nttngcnttt	taaaaanccn	ctttttntnn	cgggntnggg	tgcaantnnc	tcttnaaatt	780
ctaaacnnat	cttgnnnacc	cccnccctaaa	cntggnnnng	gnccccctaan	ctttccnact	840
tcaacaaaaan	ngtgaanttg	catattatct	tncatttttg	ntctntaang	accnnaatgc	900
nnggngntat	nannncanan	nncnncn				927

<210> 4234

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4234

ggnnnnnnng	nnngttnana	cncccnnnnn	ttttcaaantn	ctaggetact	cgttcttttt	60
gcagggatcc	catcgattcg	aattcggcac	gaggttttagt	cttgtagctg	tatagcattc	120
cattgtataa	cttataat	atattatgggt	tgtactattg	atgaacattt	gagtagtctt	180
cagtttgga	ctaccacata	tgggtgctgtt	atgaatactt	ttgcacaggt	atgtgaacac	240
atgtacacat	tgcagttggg	atatatacag	tactgaatta	ctggcttata	aatatcatta	300

aatttttaaaa	acaaaatttaa	ttgccacaag	catattattg	tatctttgaa	ttttaaacca	360
aattaaaaaat	tctatgagtt	gttgaatatt	ataattgtac	tattaagttt	aaattgtctg	420
tgactatagc	tataagacga	tgcccatggt	actttgaatg	gcaacactag	caaaataata	480
ttctaaggaa	gagggacang	ttttggggga	caactancan	tgtctgtagc	ataatataga	540
ctacaaattg	attactatat	cacccatgaa	tttagctcag	actcaaacac	aaatttantt	600
tcttttaaaaa	atagaaagtc	catttatntt	taaatggggc	ctgattttcn	nanaaaaaac	660
nnaaaannan	aaaaanccgn	ccctttaaaa	ctatagggga	gtncgttttt	cttnaatcca	720
gaacttgata	ananacattg	ttgagtttng	gccaaaccac	aactagnatn	gcantgaaaa	780
aaaatgcttt	tttttgggaa	atttgggat				809

<210> 4235

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (853)

<223> n = A,T,C or G

<400> 4235

agngtnnnnn	ttttctaacg	ntggntactc	gntctttttg	caggatccca	tcgattcggc	60
acaattggta	ttcaaaccce	agtctgtttg	actcccaaac	ccatactttg	aacctgaagt	120
ctgtactgct	gaaagtttct	ccttattgaa	gaatttatat	tttgcatata	tttatgtctt	180
cagaattata	caaagtattg	ggccacacca	aatttgagtc	tggtatagta	gccttcttgt	240
aaaaaattat	atcatataac	atttttatga	ctgtgaagac	ctcttaattc	ttcaggaagg	300
agggcctttt	ttcaaatcag	acatcctggg	gtttttactg	accttatttc	attctctgaa	360
gaatgaagga	atttcccact	ttgtagtaag	tcattggaatg	tatagcattc	cttctatagt	420
tgaaccagat	aaatattagc	aagtctgttt	agaatatgac	actggaagtt	ttttcctgtc	480
tttttttaaa	agaggttttt	ggaattatag	tcaatctgaa	acttggtctt	actaataaag	540
aagtgaacc	taagtgaagt	cccttgctcc	ctgatggctc	ttggtataag	tctcacttaa	600
gtttctctga	cgattttcag	ggttnatttt	tgtgagtgc	ccaaggaacg	gtgtattttg	660
atttgaaaac	tgaatggntg	gaggtgtgta	ttggaagcaa	tagtctgaat	ctttttgggg	720
gtnatatact	cctttttgaa	gctgatgaaa	gcttnggnaa	acntcccana	aaataaaccc	780
ttaatcngc	ncatnaaang	gaannttngc	atttcnnntt	tnngcngacc	cngntnaata	840
tncaattntt	nnn					853

<210> 4236

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4236

nnnnntttta	agancagctc	ttgttctttt	tgcaggatcc	catcgattcg	cttgetcacc	60
ctcatttggt	aaactgctac	gttaaatggt	tcaggatagt	ctgattgacc	tgggctgctt	120
ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaagggttctt	tgggaagtact	180
caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccacc	agtctcttca	240
cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	gtggctctgcc	300
aaatacttgc	tcaaactatt	tgacattttc	tatctttgtg	ttaacagtgg	acacagcaag	360
gctttcctac	ataagtataa	taatgtggga	atgatttggt	tttaattata	aactgggggc	420
taaatcctaa	agcaaaattg	aaactccagg	atgcaaaatc	cagagtggca	ttttgctact	480

ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
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gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaaactt	gtggtctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatgtt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tggacatgct	gncataactt	780
aaaatat						787

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (819)

<223> n = A,T,C or G

<400> 4237

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tcgttcnaat	tccgcacgag	aaancatcaa	gggtggctgnt	tggnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttnntgaa	nactnaanat	anttagactt	ncctnntgtn	ctnatTTTTT	240
gacatagggtc	ctnaaatctg	gntnaangca	ggcgccccctt	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccnntntg	attgggncan	nngtagatgg	360
aggcggctca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggntnac	atnngcagtn	420
ctctccncaa	gctaattcnn	ggngcagggg	cnatnatnca	tggttnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnnc	ccnctggca	cnctgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aaatnctngc	600
ttaggganng	nggaatcttg	ctgaagngaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntntttgc	naaaataann	ttaaacgaat	tgtaacnaac	acntgaaacc	gtangntggg	720
ttttnanttt	ttnggggngn	tnaaannntt	ttgggtccaan	nnnggcagtg	nccttncccc	780
tttctatatt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1421)

<223> n = A,T,C or G

<400> 4238

gngngnaaca	cngaananeg	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncng	ncangaaccc	nttgcaacnn	ncctntangc	aganccanc	ganncgngtc	120
ngnaangcen	gctgcntggg	aggccagggg	caggntaat	tcnctgana	nnnagancag	180
gnngaannnn	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
nccacccana	nagcgnagca	nnggnngaag	ccagggaang	gacncnctgn	canttggaag	300
actngggaag	ccngaaggan	cgaggggccc	tgccggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannggg	acgcnagaac	gcggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccnnggn	nacggcncnc	ggaaanggct	agaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaagnggc	cancaaagan	540
cacagnggaa	gngnccanag	nactnecggg	cgggagatca	ggggnggata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	ggggngccnan	aaggggggag	660
cnnccaaaga	ggncaaaaana	aatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720

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gggggncaan aaaatcnaac cnnnnngggn naaangnggg gggggggaaa gggacnntca 780
ccaaaggcnn canaaaaann ngaagggn cn ccccccnnca aaaangnaaa aangggaaaa 840
accnatntc nagttcaggn naaaaagtng gggggaaaag gcccnaaaan aaattaaatt 900
naaggangaa anccnnngag annaaccccc canggcaaat ngggccaaac atgggnncac 960
ncggggccnng gggggcatng ggcccccaaa tnggnccccc ccnaccgggn aaaggggggc 1020
aaaaaaggan cggggngana aaaanggn cn gcctcccata gggcaaccat ntgcacgggg 1080
gccnccncaa attngggnag ggnaaann cn aantcgcnca ccaatgttaa ngggaaaagc 1140
aaccggcaaa agggccatnn ggaangangc ccngnaaac caaanagaca ncaggntagt 1200
gaaccttccn aangggaaat aagatnccgg naaaaggcaa ggnccgnaaag aaagtngaaa 1260
nccgangnaa ccngangana aggcnaana ngggaancna ttacannnn cn aanaagnagg 1320
caangntgn ggaaagaaag atccaaagcc cnnnggnggc agnatgccng gnaaaantgg 1380
gaagntanna ngancctgcc aaaggctng gaaaaacnc c 1421

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<210> 4239

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (864)

<223> n = A,T,C or G

<400> 4239

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ntncnaggcc ggggnccgtg catntngat catnatcttn ngntatgaat nggaccttta 120
cagtcactga caggacaaca acaggctgga gtnggncccc atnctgctgn ngtgcttnna 180
agaccacanc cctnanaggc tncgtgtcct gctgtgcatn gccattgga tgccganggg 240
ctnatnactc anactagtac ctcacntgat cagatgncag aatcaaccaa atnntgcaga 300
tttcagteng ttgtgaagta tttgtgcat caacatgtag aacgactaac attcatgatg 360
aagccgagaa acatncacaa gtctgncgg ctnaaaaagc ttatgatcct gcacgntntc 420
tnatagtngg ctaaacagat ggtataaact gacgaanaga cagctgctac tgctcctgcc 480
aatgtgagca aaggcacaat actacttgct ccaggaccta aacctgttcg aagaagattg 540
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tagctgctgn ncntgcatca caacctnntn ttncagntc tgctgggaac gataaganng 660
tnttcangca tcaattagnc gtaataagga aaccngcanc gatttngncc aaatgggnata 720
gcctattgca gggncnaatt taaaggatgt ncttnnngag anaaattacc tgggaagttc 780
aactgggaac aacntcnaac catntctna cctataagcc aantggccgt taactgtgaa 840
catncttggg ttttaaaann gcnt 864

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<210> 4240

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (468)

<223> n = A,T,C or G

<400> 4240

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ntccttttga ntacntntac aagctacttg ttcttttttg aggatcccat cgattcgaat 60
tcggcacgag atttcaacat actgttgtct aatcatcgtg actcccccaa tttctctttt 120
ttagaggaaa gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct 180
attctcactt taggaataga tggatgtagc ttatgacttg tgttgataaa cgaggtagaa 240
atattgctgn cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata 300

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aaccatctaa	tgcatgtaac	agtgatcagc	aaattaataa	attagacctc	tattcatgct	360
taaattatca	aagctaatat	ttaaattgaga	tggttctat	taattaaaat	ttctggcacc	420
atcgtaaatg	agacttagaa	tttcaactag	tgtatttagc	tcttactt		468

<210> 4241

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (476)

<223> n = A,T,C or G

<400> 4241

gtntttnnnn	tttgantnca	aatacaagct	acttggttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acagaagacc	aagcgcatgc	gancctcttt	caagcatcac	cagctccgga	120
ccatgaaatc	ctactttgcc	atcaaccaca	acccggatgc	caaggacctc	aagcagcttg	180
cccagaaaac	aggtctgacc	aaaagagttt	tgcagggaga	acaaatcttg	gggcattaca	240
gccaaacatc	ccgacgtttg	aaaattccct	aaagtattaa	agaagggga	aaagtttgat	300
cggaaatcca	ctgcagtga	gacaaagaca	ctattagggt	atgataatca	tacattaaaa	360
aatttattaa	gccaaaaaaa	agagagagag	agagacttaa	atgtcattta	ctgaatgtta	420
acgaaacttg	tggtctttat	ggtgtctaac	acaactgaag	gcctaaaatt	atgtgg	476

<210> 4242

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (846)

<223> n = A,T,C or G

<400> 4242

gtntttcn	aanngntggg	aaetcgctct	ntctgcagga	tcctctgatt	cggaaatata	60
gngagatgtg	ggatgtgaat	gcccattgaa	gacatattat	tacacttgaa	tatattcttg	120
cttcacttta	ccctncataa	natgntgtac	attagtgtctg	atcangttta	cagagntaca	180
tgggcgcttt	cctaaccatt	cagtnangaa	ttaaaatattg	gcattgtata	acaactggga	240
agaagctcat	agnggatata	aagtagagta	gataatgggt	caccttggat	agcctctgat	300
acattcttgt	atatgggcaa	aataatgatt	acctatacgt	gtattttaagc	ttaagcatca	360
tataaacagt	ctttttaanc	ttatggtaaa	ntnnatnata	tntaaaagct	gtgatctcta	420
ggnagtcctt	aagtnattag	tacnagnactt	naaaaagatt	tttaatagggt	ccgncaccgg	480
tggnttcattg	cctgtaatnc	cagcacttcn	ggaaggctng	angcaggccg	aatcacctga	540
aggtcnnnga	anttcgagga	tcanaccttg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nnnttttaaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgncctt	660
ggtaaaccn	aagctntcct	ttaggaaagg	cttgnaggcc	anggagnaaa	ttancnttgg	720
aanccnana	gggggcanaa	annctttncn	gtctcngcnn	aagnaatcgc	antcaaattg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaa	840
aaaaat						846

<210> 4243

<211> 789

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4243

tnananctgn	tnncntttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cggggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgacccgag	tggccagcgc	ctggcgtctt	gtagtgatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggctctgac	240
cccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttgggtgc	agctgacagg	ggctctggcc	acagcttgtg	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagcccacct	tctccctgac	agcccaactg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	acccaagga	gccagggcta	480
ctggcctect	gcagtgatga	tggggagggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacgt	catataagac	600
ttttaccagc	ccctgaanga	ccaagaggga	gccattcctt	tgaactttca	tttaactttg	660
gnttnacttc	tctttaaaac	ttggggtaga	aantgcaaaa	gccncanaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggnc	ttnaattaaa	agaagcttcc	cggaaccatt	780
naaaaaaaaa						789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 4244

nttectaattg	tttcggntcc	ttntctccgc	ttctaangct	tggcgtgcac	tccagcctac	60
atgacagagt	gagaccctgt	ctcaaaaataa	taatnataat	gaactgagac	tcanaaaaaga	120
tgtttgttca	nggttacaaa	gctcagacag	gacagggcag	cattggaaac	caaaattggt	180
ctgactccta	gctcatgctg	taaatcacgg	tgcaaggctt	ctactatcta	tgttgttcc	240
aaaagaatgt	ataaatgaaa	agatggttaa	catattaagc	aaaatatgtt	aaacgtcaaa	300
tgaactgtat	aaacgataaa	tgctggagag	ttgaggtggc	aaagaactca	tgcccgaggt	360
gatctgggaa	ggcctcttga	caaggtggaa	ttatagctgg	tttttgaaga	atccgaaagt	420
gcttagattg	aaaggtgaga	catgtacagg	aatggtttct	aagatgtcat	attntatctc	480
tgtectcatc	ttgactggca	ctaatgaaca	tcaaagattt	caacctaaat	acattgagtg	540
cccagtatgt	gaanggcctt	atttatgggtg	gtttaaaagc	tttttaacat	actttaaaag	600
aagggactgg	ttaatctnca	ctgnctagat	ccattagacc	ccggaccgga	tggccccang	660
ggcctttggg	aatggcgtgg	tgggacagtc	ttncactttt	gcacataccc	aagaaaagaa	720
tggncctttt	gggaattttg	cagacctaca	atctggagg			759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (842)
 <223> n = A,T,C or G

<400> 4245

tcccccttgaa	ancccntaac	caggcttcnc	angncaaach	ntttggaaaa	nccaanacnn	60
aaaanaaaang	gganggggnac	nncngcacgn	ngcaagagan	tacacaganc	ngacngnttt	120
taacgannat	cgnaaaaccc	caaattggang	gannttgagn	cacntgcnaa	agggcccaac	180
tgtcanttt	aaaaaagagc	agngtccgac	annngcaaag	aaangcagan	naagaggcaa	240
ggacccccaca	gaacacatan	ctgaaaataa	tncngaataa	ntnnacaaca	cgggtggggg	300
aattcaannng	gacgnaagnn	ngcatecntn	nttcctnata	ancctcaa	gnaatcgga	360
aggcaangnt	ggccacaatt	ccacaaan	acgggattta	ccatnannnc	tncangattt	420
caccaggata	ccatantcaa	ggagtga	gaaaagtggg	gaaattcaag	gaacttggga	480
cccaccnngn	nanaccntta	aaaatnaagg	gactcntcaa	gaaaaggga	ccntnangag	540
tcnnaaaaaa	agggaagang	aatggaangg	ggnccataaa	ggccccnggn	aaaagggatn	600
caagnaagaa	anaaaaatgc	aanttanaaa	ggactgggaa	gaaagganaa	naggnnncag	660
gcgaaaacag	ggcccatcta	ggaancngg	ngaaantaan	tncngncnag	aaaaccnnn	720
gcaaaaagg	naantcgnnn	nnacnnanta	aaanccnnnc	aanggatngg	caannnnncn	780
aaagggntag	aaangncanc	ngagcgagnt	acacgnanaa	aanncnata	ananntaann	840
cc						842

<210> 4246

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4246

gnncccttnn	ctntacanta	caagctactt	gttctttttg	caggatccca	tcgattcgta	60
tctgtctgtc	ttgatctcta	ttctagcttc	ttttcttgat	tgccctcttc	ccctctcttc	120
tgtctgattg	gcctgtatcc	ttccatcacc	ccatctgtct	gctggattct	ccctgtctgc	180
ctgcagtaat	gtatgtgata	gcactttata	aattataaag	cactatgttg	tataaaacac	240
cattatcact	ttgtcttctc	tcttacctta	ttttctcttc	ctttatctgg	cttccctctc	300
tctctctttc	tctctctctc	tgtttgcttg	tctgcacccc	ttttggatgat	tttgccctgc	360
ttctctgtca	gtcaatctcc	attccctccc	tgccagccta	ttttctctgc	atccctcttc	420
tctgtctgct	cagttcttgc	atctctcctt	ctgtgtttcc	aggttctctc	atattctctt	480
tgcctgtgta	gtctctctgt	cgtaggcct	tttatctatg	cctgtgtgtc	tcactgtcta	540
netgcttgct	tccctgcttg	tcactttcat	tgtggggcat	caagtctctg	ccttcttctg	600
tctttcaagt	acttcaaaaa	ataaaaaatta	aataaaaaat	taaatcctta	tgataatggg	660
tacangagaa	atTTTTTgtt	taatgagaag	atataaggng	agacaaagaa	ctcaaaatta	720
ctgtgaaagc	aatgaanaaa					740

<210> 4247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4247

agccttttgc	nacncttttc	aactacttgn	ctttttgcag	gateccatcg	attcgccaga	60
aagtgccttt	acatttttgt	cttggacaaa	ctntgcaatt	tcattcttgat	ttaatatttc	120
tagtaataaa	gcattcttccg	actccacatt	cttatctctg	ggcagacatt	ttattcttaa	180

gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgccctgta	atccc		465

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4248

ggngggggnn	tttttttnaa	annnnnnnncn	nttttttttg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttggg	ccaggggaat	ncccccaatn	cggnattttc	120
ccggaaaatt	tccggggcca	ccggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccccttt	tcntaacagg	gnacttaccc	aaaaagcctg	gtcctgggtan	tcaaggggtt	240
aatgggggtg	tttaaaaatc	cataaaat	tctggggaat	ccatggaatc	cttaaaaacc	300
ttttaaat	ggtttcccat	tttcttacnt	ttacttcntt	ttactaaaca	aaggtantcc	360
ctggaatggg	cctggaaaaa	atnccatggt	ttggnaaaat	tttggaagg	tttttgga	420
ttttttccca	ggaatccaaa	aatantggaa	aaaattttta	ttttttccaa	ttttttttta	480
aaggtaccaa	aaaaataatc	caagtttggt	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaattt	tttaaaangg	gcctaatttt	ggaattttaa	600
aaccatttta	atttacctta	aaaacctctt	tttggcttan	gaaatttttt	ttttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccc	aaaagggttt	aaaaaaggtt	tgggtggaat	gcccctcaca	atgggggttg	780
ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgtgccat	caaggtcata	aattngggtn	aagactta	gggcttanaa	ttttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaacaaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttgga	atttttaaat	cttggagtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatntt	ttgcagtggg		1070

<210> 4249

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1336)

<223> n = A,T,C or G

<400> 4249

aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngngngng	ngnnnnngnn	nnngngngnn	60
ggngngngnn	ngnnnnnnnn	nngannnnng	gnnnnnngnn	nnnnngnnnn	nnnnngngnn	120
ngnnannnnna	gangnnnnng	nngnncnnna	ngangggngg	nngnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnngcngnt	angntgggaa	aaaancccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccggnaagg	ggaangnga	nagnnnnng	360
ggannnnnnng	nnngggnagg	ggnnnnnnng	ngnntttttt	ttntnnnaan	aggccnagnc	420
gangnnngggg	nnnnnggnng	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnagggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggnncnng	540

aanggagng	gnnnagnnng	nnngagnnac	gnggcgnng	gngngnaang	ccnncngggg	600
gcngggngan	gnngnananca	nggggnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaagg	angnnnganc	ggagggang	gggcgagagg	angagccnat	720
cgagngggg	nagggngac	aggaanggan	aagnanggg	gnaaggcgng	aancgaagg	780
gggggnatga	ggaggagann	gngagngctg	gggggaagg	ggnannggg	gggggnngnn	840
gagngggna	gngggnggg	ggangangat	gggagcnaa	cggtggacaa	aacggcggn	900
caggngggg	aggnanaaaa	gggccgggag	cgngcgngng	ggggaggngc	ggnggtgtan	960
gaggcaggna	aattganngg	gagacnnggn	gngcgngnga	gggnngaana	gngnnngaana	1020
naagacggaa	cnaagtggag	gaggggggnan	nnggcgag	agagngagg	ngtanggnag	1080
anananang	nnaggacngg	ngncgngng	nngagtagn	ggcgcgagg	agngngagg	1140
gagcgngan	ngagggngg	nacggggatg	gggagncng	ggggngnnnc	gcgggcggtg	1200
gggacnccng	ggggggggg	gggnnaagnn	ancnngggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gnggggggg	gagagnaang	agnacnggg	gggggnnacg	nnggggnga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4250

tcngngagt	gtatgtctg	cntcnccgaa	nagcaggcg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcatttnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaataattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntatttac	taaaagaaat	aggaggcatt	tacatcttta	ttattgtact	420
cngggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaaggtgn	ttcaaanctt	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnncg	gaanaacaat	tgccataata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaacnc	cgatcgcccg	naangcgnnn	60
ggggcanaaa	gngcnatnca	gancgngnga	antnnagecn	ntttttannc	cccacnggca	120
ananangcng	annaaccngg	gnatnaanaa	nnggngcccn	nngncaaana	nnnanacncn	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	ncganancag	aannagntga	240

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accnnnnnca cntnacaaaa nntctagann nccgntcacn caanaagncn cnnngccann 300
acnnnacnnc nanncnancn ncngcangga ncncacnccc cncncgnnnc canacnanca 360
ngacngacnn aatantncag annacncgag cnntgacnta annacncaan tagcannngc 420
cnctcgnggn acncnnaact ntngnngagc ncnnagnngt nnnnagctnt acgcnnccgat 480
agananagcg naaaacngan nnnnnnctnt cnanannnag actangacag acnnngncaa 540
cacatnnnta gaacnnngca cacatntcta ncgntatcan cagnncaggc annnnacaca 600
anagcancac nngantgann cacaanaatc acgcntngaa tnnncntnnc tnannnnaca 660
caaccaanat nnaanaatgn aagnacaccg aacactnnac angcagacta nactcngnca 720
cnnaananaa gaactgacng acannacaaa tanaaacggn ntctacatca cagangtacn 780
nncagacana ancnncnnga nnacaancgg cncacacagn tanacntntc atagcnntcn 840
ancatcccnc agtgacacaca agngcncgna aannntcatn tcnctanana cggatnccat 900
nataggaaca gnnantgcn tacannnctn ncaagnaatg nacagatgcn cgcanganac 960
gnaagnnnnc nnaatnctgca tgcntngcnn ancaaatggn angatnatch nanatncaan 1020
nngcngcata caannngtcg nctaacacng atctgcatcc atngacggat anacgtngag 1080
tangcctnnt cactcnna gatctgcgtn ncganatcan cacnatangc ntnaanagtn 1140
nncagaacag tacnagactg gnnantnaag ntannatngt nttnagtata ataanncaca 1200
ngnagntaga cnncaancgn ngnacnanat nccnngcann cgcaaanaa gcanccnnan 1260
gcgnaccgac cgcagctaan acanacnact ntacnncaca aancntnnga ggccgntcta 1320
atnctncatc nnnncacctg nacnggaccc g 1351

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<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

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taaanntnat ggntggntac ttgntcttta cgcaggatcc catcgattcg aattcggcac 60
gagggagccc agtggttctg ttcattgaaat ctncctttta ctggaaaaca ggaatattga 120
ctaccaaate acaatgcaat tgaagccgta ctgctttttt gagcagttat tcattccagt 180
gattaaaaact gattgtgcan aatattctaa gaggncaana attggngtgt ntaactacat 240
ttttagtgat gcaattnatt gattagttag taagatactg agttttattg agagatttga 300
ttattataaa gtaaaaatac ngctgnatta gggttacnaa cagnaaagtg tcttaatgnc 360
tnangagggc atnttanctn cactacaaaa ccanatnttg nctgtacttn tgaanagaat 420
nttgtngntn ctcagctgnt atncaananc tnaggaagnc tntatggntg cnttctatga 480
catgtgnatt gtgatntgca tataagnatg ggtggngtgc nataccatat tctnggtnt 540
taaaatctat cactttncac cttncacttt gacgtggtaa aactttaaaa accaangtgt 600
gnaaaccnc nggnttctta aaatacnagg ccttagatct tatcagncgt tttgacaaaag 660
caggtttttt caangntcc ctccnnaan ttttttnnaa cgggtcaaact aangnnnttt 720
gaggaagct cttagtttga ccggaagagn tgggnccnt 759

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<210> 4253

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1382)

<223> n = A,T,C or G

<400> 4253

nnncggnnna	ngaannngn	gnnnnnaggg	gnngggggcc	nnggnanng	gnnaanggnn	60
gnnnnnnnna	nngnnggaag	naaggnnggg	aaaacagggg	naanggnnga	caaannnnac	120
nanngnanaa	naggnngnngn	ggggngggan	gaaanagggc	gnaagggang	gnaaggaann	180
ggganannncg	nngnggnnnnc	ancnnnnnnn	annccnnnnn	nggggnnccn	nttngntggg	240
aaaaaacccc	ctttttgggg	gaaaaaaaan	nccccccngn	nngnnngngg	naaannnnag	300
ggngaanaac	ccnacgcng	aaagaangng	gaanggnntc	anggacnacg	nnangggcga	360
ncgcccagag	ggcannnggg	gnagcnngca	nccannnnnt	tnccaacgaa	gggnananaa	420
cnannagncn	gcancngng	cagggggngn	ncgncgangc	gcnnnanagn	acacacaaac	480
taanaagaan	nggaaganan	naacananna	acgaaangaa	ccggnaaaaa	gagacgggca	540
nngcnganan	aggagcngga	cngnaggggg	anccnacngn	annaagcngg	gnagnnnngg	600
ngggaagagg	cngcncggaa	ngcnnnnnacn	antccgnaac	naaanagnan	naangactag	660
gcaaccngaa	cnnacgcagc	ggnnncnann	gcgganncn	nnacnagcgn	nngaggggna	720
agcgcgcggg	acnaacgggg	nccnccgann	ggganngaaa	angccgnaac	aaaagangga	780
cgnaaaaaacn	acncananaa	cggnnagggc	ccngcagcnn	aagnaggnngn	ggagggcagg	840
gnangcggga	aagcgggaga	cgcnnccagc	gagaagcgcg	cnaangaaan	ngancgggcn	900
ncgcgcnggg	nanncgngcc	ggannagag	gacnnatagg	aagtgcacna	ncaaacgcan	960
cggcatcnca	ngagnggang	ngatgnggat	anagngancg	ngananncna	nagaganggg	1020
gagagnaagn	agancgcgga	angnacanca	angcgnagaa	ccngagagagc	gnnccangca	1080
ngngagaang	gnannagagn	nannganana	cggngcgagn	gangnnnnga	cacgangggac	1140
acgcgcggag	aganncgcna	acatgaagna	ancggnnngga	tgggaaannn	gannganana	1200
cgganggaan	cnggggncga	gangagangg	ngaggcncac	cnaacacgga	gggggagcna	1260
ggtagnggca	nnnaangaga	cgcgagcga	aacggganaa	ccgaaanggn	ggngcaanga	1320
nannanggga	agacgcacgn	gnggnnggga	gnaaannang	ngggaanacg	aanaaaancg	1380
cc						1382

<210> 4254

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1245)

<223> n = A,T,C or G

<400> 4254

cgatacacat	cntnnncaaa	tgatatchnat	ntaanatata	aatatnttnc	ntnttnatac	60
tctgcaannn	aagaaaagan	anantnaggt	gctgttgaan	ccatnanctc	ttgttttttt	120
gcagnnccca	cgnttcgaat	tcggcacgag	gttttctctc	ggcacaatga	gccactgcag	180
gcttttgagg	agaagagtga	caagctgnag	agctgtgttt	taggacagct	atcctagagc	240
tatgtgtggg	cagagagtac	aagcaggtta	tttatgaggc	tngggtaaaa	aggcagacag	300
gggacacatt	tgatcatatgc	cctattgagg	cncanaatca	nggaacagga	ggtctgcngg	360
ttncangaca	ggccaaatca	ngganaaaag	ggactatccg	ggattancaa	gtcactggtg	420
atcganatat	cactttcttt	gaanntttan	aaatgggttn	tgttancact	tgcnannctc	480
ttcattaana	naacctgcca	caaaccaata	aanttanng	tttaaaatag	aatcntgnag	540
ttatananan	cccaatggga	anctnggnta	atannttnta	nngggaanac	tnttnnngtt	600
naaaaaggga	aanntnnggg	aaancccgnt	nanangagag	nggnagnntn	tggcataana	660
gacgnngnnt	ctctctctta	aacganatac	gaatacctct	tnccgnnnnt	acncnnnnng	720
tgntnnanaa	acgntatntt	tctacacggg	antctntgtc	gtttttttta	agataatnag	780
nagnacnaa	tacataantn	ncaagcncgc	gtananaana	nantgnacgc	tnannataa	840
aactcttntc	ngtatnggcc	nctaantctac	tttaanggana	aagcttaata	taangntgat	900
ggcaagggtg	ccccntgtag	antcnttacc	nattgtctca	acgatctccc	taacgttatc	960
nnntngaca	ccatgacgc	attngangcn	cacttantnt	gaacnggtaa	aagnntttnt	1020
gggggtgcnn	tannaatacn	nangtcnnca	tcncttttnn	nggttanant	ntccncancn	1080
tngatataaa	gannaaataa	ntggtgcaac	ntatatTTTT	cggnnacnna	nntatatctt	1140
ctntgggnna	tncatgtctn	catnctgtcn	ttatcnattt	ntngtaagna	gaaaccngtn	1200

aatntcttat gaannnnntnt cnnttttcgta atttgaaana ccncg

1245

<210> 4255
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 4255
aggnggnatt aannnnnttt ttanannngc ngctcttggt ctttttgcag gatcccatcg 60
attcgaattc ggcacgagaa acaatataac tcaaatgcct ttctacagga ctacaaagct 120
gtctgtatca ggttatggtg ttaaatacata atttctggat catgatctta aacctttaat 180
tggttccatt tctactttac tctttactaa caagtatcct gatgggcctg aaaatccatg 240
ttgaaatttg aagtttgaat tttccagatc aaatatgaaa tttattttca ttttttaaag 300
tacaaaatat cagttgtata atcatggtaa aacataaaat tttgctataa aagattttta 360
aaggctattt gattaaaaca tttatttact taaactcttt gctagaattt tttttagaat 420
tcagcatcgg aggaggaatg tgacataata atgacgaaa gccgaaagtt taaaagttgt 480
gatgccctca catggttgga gggttattct agcttctaa gactgaatgt tgtccacaag 540
agtgtcatca ggtcataaat tggtaagact taatggctta gatttatgta ttatacctga 600
tgttattgna ttgagatgaa tatttatgaa caaatgagc acattgtgta agaagtatag 660
tattaaatat aagttaaaac tttggaattt taaatacctt gggagtatgg taaagccctt 720
tccgaagtct cttggagggt tgaaaggccg nattcttttg cantgggn 768

<210> 4256
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 4256
tgngntttta nananncngg ctctctctt tttgcaggat cctctgattc gaattcggca 60
cgaggtaaaa catgtaattt ggacatgcaa gacaatgctg ctgccaacta acattgcatt 120
gattcattaa gatgttattt ttgaggtggt cctggctctt cactgacaat tccaacattc 180
tttacttaca gtggaccaat ggataagtct atgcatctat aataaactat aaaaaatggg 240
agtacccatg gttaggatat agctatgcct ttatggttaa gattagaata tatgatccat 300
aaaaatttaa agtgagaggc atggttagtg tgtgatacaa taaaaagtaa ttgtttggta 360
gttgtaactg ctaataaaac cagtgactag aatataaggg aggtaaaaag gacaagatag 420
attaatagcc taaataaaga gaaaagcctg atgcctttta aaaaaatgaa acactttgga 480
tgtattactt aggccaaaat ctggcctgga tttatgctat aatataatatt ttcattgtta 540
gttgatatatt tttcagaaat tataaatatt attaatttta aatttgaatt tgtgtttgac 600
taacaacctc gatggatctt cttncacact nccattaaga tccctgcagaa gaaatagaaa 660
tattcaaata ttgcaagggt taattgtgag acaacttatt ataatacgtg ttaagttcta 720
ctgganccat ggaaatgggt taagaaaaa 749

<210> 4257
<211> 466
<212> DNA
<213> Homo sapiens

1358

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4257
 tgnnttcnant nttttacaac tacttggtct ttttgcagga tcccatcgat tcgnattctn 60
 nacgaggctg cttactaagg cttnnactgn nanatcgntt gaccnntnn gtcgntngct 120
 gcacatgcn atattnnnc gacnnngctn nntcctgngc ngntangnga ngcactgnnt 180
 cnggacacaa tggngaangn gtagnggtgc nngacatngg cgaaattgtg ngcactaga 240
 antngtgnca angcnngntt tcacatancc tnnnnnnnct acttgccatn ttnnantgan 300
 cttntctgct cactacattc ntgngttcat aacnngacnc nctaagngna caactccgaa 360
 cccacattgg ncaaaaaaaaa cnacatatgc tnacngttcc tnetgcccac gtgnncnntn 420
 aacttgnatn atcttanact gaaccagngc tccaccatt catnct 466

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 4258
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctcatnecgg cctatcttag 60
 agaatcatct gctcannctt tattcctgca gaatacaaat gtcacattct aacctgttca 120
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180
 tnggcaaaaag gcattattag ggntngattc cataatgatt gagtntctnt nnnnagtata 240
 ntcattgcanc tgaacaaaat gaagctcatt ccaactgcnt gaanaatnnc acaaagtga 300
 tgctnaanan aggaagccac gtgcanacac tnactatata attntatgta catnaagttc 360
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagtntgagg aggggnttct 420
 ggtatctggt taatgnactt ngtaaccantt acccaanagt gnnt 464

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4259
 gnagcnnnn nnttttctaa ngttggctac tcgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcattct gtccttgga accctttctc attctccaag cctggtcagc 120
 tgcttgaca ggcagaggtg cctcagccc aggttagcaa cactcatagt tttgccaatt 180
 accagtagac actagtggaa ccatctaact ggaacttctt ctctccttcc acttatttcc 240
 tcaaaacttg tgctttacac tagacacatg caaatgtatg ttttaaacac accaaaacag 300
 atcatgcaa atgagttgcc tgtcaaaggc tggagggcag gaggagggcc tgggtttggg 360
 ttctttcttc ccagcctttg gatggtgctt tgggcccctt agccccagcg ccagggcctt 420
 ccagctgagg ccacaggaaa gcaacttttt atgatgtact aaaagccaca gtatgtggca 480
 actgcaaaaag gatcaggaat ttagggatag atctcggta cgtgtcccgg gccgctgagg 540
 ggaaaggaag cgggcatgat tgtagacaat gaggggggtc tcttgatgta atgaaatgca 600

attttatggt	ttggtgcaaa	aactcctatt	ttccagttaa	tttaactttat	ttctaaagca	660
tatttttgat	ttncatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnatcn	720
ntctcnantn	ctccanathc	aaaaaaaaact	tcgnnccttt	naanaccttt	ttgngnggtt	780
cntnttttnc	cgngannccc	cncctttnnn	netnngatcc	cntttgnetg	tnntttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcgancgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nannttccct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gttnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttngg	aaactcggtg	anacattcta	tttanagaca	tgctgtctga	300
tatgacntat	attttttatag	ggatacccnt	ttatngetgg	gacatnaanc	ctgnttncac	360
tcnaaatgnn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	nttncctgca	480
gctgnggaat	ctggacagcn	aaatcttgtg	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
caggccctct	aagtacaagt	gtcagaatcc	ttcatttcaa	ttttttcact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tengngnnnc	aagggtgccc	aagaa			755

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggt	cgaactgcna	60
ncggcnncnn	cggaaagggn	ntgnncaann	gnaatttntg	cngntnangn	tgtatacacc	120
ttggangann	nnntgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnanccnca	cttccatngt	ntntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngcn	ncgganntgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgngngcn	ttntcennat	gaaaannngg	gcagtattcc	360
cttnctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactgannng	420
gcacngaagc	acgtgnnaga	ccctcnnana	atgatgtgan	nggacaaaaa	gcntgatcac	480
caagcgcttt	cangnctgga	tccnnncnc	gnatccatan	nagtcntgtn	anccaggacc	540
ttnnaggnat	catnnncng	gcgtgtngnn	aatgagcatn	gtgtggtaca	cttgacngtg	600
tcccctgggtg	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaacct	nattccctct	ncaatgtgtn	720
anatnttngg	ttgggcct					738

<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 4262
 ntctnngata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 gcaattgtct atttatcttt tatnttttta agtcagtatg gtctaactact ggcatgttca 120
 aagccacntt atttctagtc caaaattaca agtaatcaag ggtcattatg ggtaggcat 180
 tnatgttntc atctgatntt gngcaaaagc ttgaaattaa aacagctgca ttagaaaaag 240
 aggcgcttct cccctccctt acaccnaaag gtgtatttaa actatcttgt gtgattaact 300
 tatttanaga tgctgtaact taaaataggg gatattttaag gtagcttcag ctagctntta 360
 ggaaaatcac ttgctaact cagaattatt tttaaaaaga aatctggtct tgtagaaaa 420
 caaaatttta ttttgtgctc atttaagttt caaacttact a 461

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4263
 annnannctg nnggtcgtgt aacgcccttt ntnnangaag acnggcgatn cgaattccga 60
 ggatccaaga gggcnnnact ngggngggct tcnttttcagc tgaaggctgc taccgtaccg 120
 tgtgggagcg cctgggtctg gccttccaga cccagaggc atactgccag cagcgagtgt 180
 tccgctcact ggcctacatg cggncactga gcatatgggc catgcagcta gccctgcaac 240
 agcagcagca caaaaaggcc tcctggccaa aagtcaaaaca gggcacagga ctaaggacag 300
 ggcctatgtt tggaccaaag gaagccatgg cnaacctgag cccagagtga gccgtctgaa 360
 ctgtgggagg gaagtgttaa cagcccagcc tncagcctgg cctttctctc ttccccctctg 420
 aacctcctgc aacctgagc catcaggaca atcatacccc ttcccttctc tccaccaat 480
 tgtgccagta aatgggggtt gaggtgacc taggcagcat tagaatcact tatttatttc 540
 ttctctacct gttccctgac tgcgtgaaat gttcaggagg gtcagttgat ttcccaggt 600
 acattcatgg tgtgacagac acatgggtac aaataaaaaga cccagaaagc caacnaaaaa 660
 annnggtttt nanncnnga attttaaaaa nntntaaatt ncntngnntt aaaaantnct 720
 tttntgnaaa aaannntttt ggccttttt 749

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4264

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nggggtnnttt atanaatcca ggectacttg ttctttttgc aggatcccat cgattcggcc 60
acatcggggg caccaccctc catgcctttg caggcatcgg ctcaggccag gctcctctag 120
cccagtgtgt ggccctggcc caaaggccag gcgtgcggca gggctggctg aactgccagc 180
ggttgggtcat tgacgagatc tcaatgggtg aggacagcct gtttgccagt ggccaggcct 240
atgtggccct ttctcgggcc cgcagcctgc agggcctacg tgtgctgact ttgaccccat 300
ggcggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag 360
cctcagtctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc 420
aatcctnctg agcctnacc acaaagagga gacaaaaggg ttggcctgtg gcctncccg 480
cctcctgctn cctatggccc anggccccag ggaataactg gtagggcag gcagtgtccc 540
cttctgtatt ttttanggac tntaaccttc tgcagggtta aagggagaag tctttaaac 600
catataccaa ctgtgcttca gttcttttan ttttgctgg gtaaacgtct gtagggtcag 660
aattaccctt tctgtgccaa ttganaatga acctgtgtgg tactgatgtc agaggacaaa 720
ctntntgaan ggcttgaaca nacttga 747

```

<210> 4265

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4265

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ncntttatca aancgnttgg gctactcgn ttttctgcag gatcccatcc gattcgaatt 60
cggcacgaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120
tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc 180
acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240
tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300
tcgaaagtc taaagcaca ggagcaaaaag tcgggacaga gaacaagata gaaaatccaa 360
ggagaaaaga aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga 420
aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgaggtca 480
atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540
gattnagacc tcagatcaga cagaggacta ctgggttcgaa gatttttggg anaatnctga 600
ngaacgggat aaagtgaaga tcgncntttt aaaaaaatga ggttgaaaag aaagctatna 660
gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttaaaa 720
ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttn 780
ttattccctc tgg 793

```

<210> 4266

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4266

```

tnnnaatcnc nnnaagcctt tgttnaacc ctttgetact ngcncttttt gcaggatccc 60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc 120
atcgtaggag ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg 180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna 240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgcactc anaagttttc 300

```

```

tcatgangag attgccatgg cgaccgtcac ancgctgcnc cgcacagngc cccccgctgt 360
cactgggagc accttcctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa 420
tgccattaac aagtgcccn n tgctgaancc ntgnnccctg acctttcttct actgncgagc 480
nctgcangcc tctgcnctga acgcctgnng cggnaataag gagaacctga agctgctcac 540
gaagaatntg tcaagcgaac cctgncnaac agcctngcct ggcaaggaaa gtncacttnc 600
gagccgggta ggctagggtc tgctgcaacc gaagtccctt ctttggtntt ctaaccatcg 660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact ttnaagncct 720
ttggccccaa tttccnantt tttgaaanaa ggnaggnccg centncttta nngggcttcc 780
aaaccttggg cttaganccc nggctttttt t 811

```

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (469)

<223> n = A,T,C or G

<400> 4267

```

ntnccntttt nantacanat acaagctact tgttcttttt gcaggatccc atcgattcgc 60
catgcccagc tgtaatttct tattaggtgc cagacattat gaattttacc ttactgggtg 120
ttgggtacat ttggatgtct ttaagtattc ctgagaatta ttctcaggtg cagttagggt 180
acttatgaat agtctaattc tttagagtct tgctttcaag ctctcttagg gcaggagcag 240
ccttttagtt atgactaata tggccctggg actgagacac taccattcta agtacctaaa 300
tacccaatgc cctgtgtagc atgaggcatt tcactctggc tgataggact gtgaactagc 360
ctcaacctta tatggtcttt gatgattgtt ttgcctgttc ccttctgtgg ttcttttccc 420
gtgtcttctt tactcacgct tactgctcag tactcagccc gaagactct 469

```

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 4268

```

cgttacttcg atcaagctct tgttcttttt gcaggatccc atcgattcga aaaccctac 60
aaaaaaactt taaaaaaat ggcagcaaag ggtagttttc atctgggtgc ttttatttaa 120
gttttttaag ttaagaaaag ctggtgacat atttatacgt ttttgtgcaa aaataaatga 180
atggcaatag attttaaaaa atcttattat gtacttctgt gtgaaaaagt ctgtataata 240
tttcccttaa atatgcatta ttttacttgt gagtttttgc tgaattaatc tgaaatgtca 300
agccctggat ttgctacaga gtgagaagtt attttatttt tttttatttt taattntgga 360
aattctgcag aaatcanaac tcttaccatg gtttgaacaa aaaaagggga aatggggagg 420
ggaaaagggt gggattgtcc ancatgcttg tatgtatatt tca 463

```

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 4269

tccgtntgan	taccgttaca	ngctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacagaa	gaccaagcgc	atgcgaacct	ctttcaagca	tcaccagctc	eggaccatga	120
aatcctactt	tgccatcaac	cacaacccgg	atgccaaagga	cctcaagcag	cttgcccaga	180
aaacaggtct	gccaaaagag	ttttgcaggg	agaacaaatc	ttggggcatt	acagccaaac	240
atccccagct	ttgaaaattc	cctaaagtat	taaaagaagg	ggaaaagttt	gacgcgaaat	300
ccactgcagt	gaagacaaaag	acactattag	gttatgataa	tcatacatta	aaaaatttat	360
taagccaaaa	aaaagagaga	gagagagact	taaatgtcat	ttactgaatg	ttaacgaaac	420
ttgtgttctt	tatggtgtct	aacacaactg	aaggcctaaa	attatgtg		468

<210> 4270
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 4270

nncttactna	aaccgttttg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggac	ctatcttgat	ctggatagta	aagtgaggac	tttaaaaaag	tttattaaat	120
tactgggaga	aatcatggag	cacagattca	agacatatca	acaatttaga	aggtgtttga	180
ctttacgatg	caaattatac	tttgacaact	tactatctca	gcgggcctat	tgtggaaaaa	240
tgaattttga	ccacaagaat	gaaactctaa	gtatatcagt	tcagcctgga	gaaggaaata	300
aagctgcttt	caatgacatg	agagccttgt	ctggagggtga	acgttctttc	tccacagtgt	360
gttttattct	ttccctgtgg	tccatcgag	aatctccttt	cagatgcctg	gatgaatttg	420
atgtctacat	ggatatgggt	aataggagaa	ttgccatgga	cttgatactg	aagatggcag	480
attcccagcg	ttttagacag	tttatcttgc	tcacacctca	aagcatgagt	tcacttccat	540
ccagtaaaact	gataagaatt	ctccgaatga	ctgatcctga	aagaggacaa	actacattgc	600
ctttcagacc	tgtgactcaa	gaagaagatg	atgccaaagg	tgatttgtac	ttaacatgcc	660
ttgtcctgat	gttgaaggat	ttgtgaaagg	gaaaaaaaaa	tctngactct	tgatataata	720
aaatgagact	ggaggcattc	tgaaattgaa	aaaaaaaaaa	aaaat		765

<210> 4271
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 4271

nnccnnttna	ntanagatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgctt	60
ggggccagga	tcttgagtc	cttgcttggg	gataacttcc	tggagagctg	ctcagtcagc	120
tatacccttg	ggagtctttt	gttgagggag	aaataaatgt	cattttgcaa	agccactgat	180
attctgtggt	tatcacggca	gtttagagag	gaaggatggg	ggaaagctgg	gttgcgctct	240
agccttgaca	cttctgcct	ttgtagtgtt	aggcaaacat	ggcaacccca	gaaaactcan	300
ctgcctcagt	tttaaggcat	gcagggtctt	tgtgaggacc	atataagcca	cgtggagggg	360

tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttctgc cccaacacca naggtgagac cacctg 466

<210> 4272
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 4272
ttcncttttna tatagatata gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
ctgccccagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gctttttaa 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg tctcgtctctg ttgccagggt ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccgag tagttgagac 420
cacagtgtccc ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 4273
nnnnactntn tcnnatnnn cngancnnnn ntctcngac antttgnnna acngntntgt 60
ggggnnngnn nnnnnnnngc nnnnnnnnnn nnnnnnnaan ccttggaaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcngggng gactngnaan cngngccana taatnagggn 180
ttnnnctgna cngggcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
catgnagtgg cagncgnca nncngttgtt tnnccaaten nnaattcgna tcgcctcggg 300
ancgcccctg gggtagggg acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncgg cntacncnag ngaatcctnc cngngnnccg ggngactagg 420
ggnggatncn nncangaagg nnnnggagccg nagaacanac ntgggtgacn ggntgngaca 480
aagnnnccgt cnaaaaaatg ctangggnaa nnacanaagg agnntcnaa tgcantanna 540
ngtgangttc caacgcccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
ggngcgcngn ngngcatatn naaatnnanc 630

<210> 4274
<211> 618
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 4274

tnnnncnnan	ncnnnccnct	nnnnncnnntn	gantnnnnnn	nnnnnacnctn	ctcangnnng	60
tnncatncan	naagnnngta	ntntngtcgc	ntgnncntnn	nnnnntatc	gnaatnnnnn	120
nnnnnnntnc	ttncctttgg	taaccccttt	tnnnccntgg	cntnacncat	gnaaccctga	180
agncggngcn	angcnatagc	tatnaacgaa	catttnncnt	ngctacggnn	nattgnactn	240
acgcngnct	gtangangcc	acnttnacat	gnagggcgg	cacaccggtg	naataatngn	300
gtcgctnnnt	gggtgcggcc	ctaacgcttc	cnttngcntn	agcncangng	cctnagactn	360
ttacagnngc	attgganaan	gncgcggcgt	nacccgctgc	nntacncaat	naaggngtgt	420
gaaacacngg	acntgggttg	aaaaacnntn	aancncgatg	gcngagccta	agccccgngg	480
gngcctgagg	aagcgtgcag	cnaggtncnn	atganaaatc	acttgtgncn	aaacggacaa	540
tgancctgcn	agnggaantc	tgngcncgtt	aggncacnca	nntgtnnatt	gggcgcattg	600
aannngcatg	actccnnc					618

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

gngngnnann	ggnggggna	nngnggaggn	gngngngggn	gngngggngn	gngnganggg	60
nnngccnnan	nnggccggag	cnggggnnnc	ggngngagag	ngcnngnaaa	gccctttgga	120
aaggncggag	nngagtggng	ggccgncgga	gaggggggn	ggggangngg	ggnagngggg	180
ggggggggng	nngcncgnnt	gagnggnggg	ggngagaggg	gngcnnnnng	gngggggggg	240
ggcngcnggg	ggngngaggg	nnggnnggna	gnggngnnng	aaggngggng	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaanggag	nngcnggggg	nngnnggggg	ggnngngggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnggaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnngggn	agncgnagag	agggncnggg	480
nggannacgg	annacgggng	cnangncntn	gaggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caagggaatn	aggaaaanaa	gncgccaagg	ggnnggnaag	600
nngaaannnn	gcangggggg	ganngccggg	agcggannng	gngagnggan	agggnganggn	660
gggangaang	cgggnngggg	ggaaggagng	gagnganaaa	angggccagg	gagggngggag	720
angngnggac	cnnnggnana	ncaangggng	aaangcngga	nggggggnaga	gagggngggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagccccn	gggngggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggngg	ggaanccaan	ngtgngagag	900
ggcgnccgaa	gatggngaga	nnaaacagg	ggganagcat	gggggatnan	aggganaacc	960
cgangangga	aaggcaagg	gaacncnggg	anngggggaa	ncgnaagccg	gggngggcng	1020
ggnaaanggg	aanagnngng	agggggggaa	ggggaanant	gaaccnnggg	naggaaaaaa	1080
cgggggggaa	ntnaaaaaag	gggggggaaa	aggaaantgc	gggagccaan	gnntgaaaga	1140
aaaanaaata	gggnaagggg	gggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggagagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
ggggagggng	ggtngggaga	nagnaanag	aagagcgaag	agatnagtnn	naaaaaangg	1320
gnggananaan	ntgcgcagg	gaagctgggg	aaaggggngg	ggacccann	agccncggga	1380
anatgtgncn	gggaaaaana	gggggggggn	gnnaaganag	ggggaaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276

ggtgggttttn	angnnnnnttt	ttctantngc	agctacttgt	tctttttgca	ggatcccac	60
gattcggntg	gctctcccag	cgtctgacct	ggcgtgtctc	tcagtcccat	cccaaggcga	120
tgttctctac	cgctagatgg	agcatcagac	ctcaagtcaa	gancatccca	gttcactgnt	180
gctttnngtg	gctctantct	gggagggang	gggagacttg	aaaatgggan	gatctcattg	240
gcttgctaag	gnttnggatt	tacctcntat	cactggagac	ccattgtagc	gacaangtca	300
agggaaacnng	aacttggttta	ctatcngtgc	gctctacatt	gaatttaccg	acaaactctg	360
tgannaatcn	gatatagaaca	atgcacnctn	nnctngtctn	agacannnnn	ttannaagaa	420
ggngcacact	gaacnnnctn	acagcactnt	tngntagggg	cactgtactn	tgacctgnat	480
gaaantntan	ccgaggccan	aatngaccna	ctatnaagct	taacacngat	tnnagnnata	540
taatnaatga	nnattnaana	tgancctgan	ctannagctt	aatagtntctg	atgggcctnc	600
atgtnatntc	aaaggncctt	gaattggcta	cttanaagga	naatggccaa	tngnacgtgt	660
tnnangaaag	ggaaacagga	aangcnccta	gtcccantgt	aatngtctnt	nggcaancaa	720
nctgttttaa	acggtntcgn	aaaaaaanan	nttccnnnt	nn		762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277

ncntttatca	aanccgnttgg	gctactcgn	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaagggtc	180
acgaagtga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaaag	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtcgc	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaag	tgatactaag	aatgagggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctgggttcgaa	gattttttgga	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttatttataaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttt	780
ttattcccct	tgg					793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

```

ggtttntttt  tttgngntt  ttgngcnttt  tnaggcgttn  tntctgatcc  ccgctaattg      60
cattcggnccg  ngctncccta  cagatantgc  atgcacnttg  nagntaatcc  agtgtnttta     120
acngntncat  antntatcaa  gcngtncatg  aangtgtngt  natnaaatgt  ctatgtatct     180
ntagttacat  tcaaattngn  aactttataa  acatgttnta  tgcttgagga  aatttctaag     240
gtggttagtat  aaatggaaac  tttttgaagt  agaccggata  tgggctactt  gtgactagac     300
ttttaaaactt  tgctctttca  ngcagaagcc  tggtttctgg  gagaacactg  cacagcgatt     360
tctttccag   gatttcacaa  cttttnaagg  gaagatnaat  gaacatcna   tttctaggta     420
tngaactatg  ttattgaaag  gaaaaggaac  actgggtgtt  gtttcttaga  ctcatgaaan     480
ttaataatta  tgaangcaat  gaaaaattaa  nttgaaacat  taaantctnc  ntgacantng     540
gaatnatcc   tttgccactt  tnttgcat   atttcagaan  acnatccgt   nnntnttcc     600
antntngcna  acccatttnt  ncttggaat  tgngccatan  ttttgacntc  ccggnntna     660
ttcannatnn  ccttnncccg  gtaatcgnc  antttggan   atctgnnant  nttaaaatat     720
gncntttata  tatanttaat  ttctttcann  naaanttctg  gnataggcct  ggtntttan     780
antnnntnt  tatttgngg  nanancntt  tatcgtntan  aanatttaac  cncntntnt     840
tttctgnggc  ctttttcgta  taaaaacct  cntntatnt  tnnngacaat  nttntnttt     900
nnc

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<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4279

```

angcnagagc  ccacggaatt  tncatgcctt  tategagncn  gnccccgcgc  ggannnaaac      60
agcnggaent  gcencacgag  nggantntg  nctttttttt  gggccgncca  nntcccacag     120
ncngangggg  ggtaaatnnc  ngaacgctgn  agaatannta  ttgatgagca  ncngagaagn     180
aacatgnnca  tggccaccag  gcncgnccac  tcacngcaaa  agtgaccaag  ccagcangtc     240
acccttaact  ggcagaaacc  aanatcaggg  nggnagnccg  gacttnaaat  gcnnagaaac     300
ctgtnagtga  tggaaggna  agaaaaattc  agnatggana  anaanaatcn  gggcacncaa     360
acaaattcac  tganaantcc  anaagnetat  tnanaaacia  gatagcnatg  agtncanatc     420
natecnantg  gncntntaat  nntacaacca  anccttaacc  ttccactcta  aagggaagga     480
atactangaa  tggattacnt  ttccggggta  nnataaanch  ggggnantaa  atgatnangg     540
gaaancccaa  aanctaccen  nnantcnang  gantntggaa  tnccttactc  ttcataaga     600
ncatttccag  nttctaaggg  gaccccttta  cnaanttnaa  aanggattcn  annttggcnt     660
ctnaagnggg  ntgcgccggc  ccnaaaaaat  natnataatg  gaccnggggn  tcaaangnan     720
ctnacnggaa  aaangaaagc  ccgnaaagg  accaggcntt  tccaaggaan  gaagggaaaa     780
tncncngaa  ancccccgga  ataaantca  anggggttac  aaaaaaagc  catccccncg     840
aattaanccc  aaaaaattgg  gcagcc

```

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4280

```

gaanactcn  tnatcgnntg  caggatccct  cgattcgaat  tcggcacgag  gctgggactg      60

```

```

acagcctgca gggtttcctt gggcgcggcc ccaaaattgc cttcaaaaca aaccgaggac 120
ggttgaaagc cttcgaaacc tgcangggat gcctcggggc ctggcccttc gcttcctctc 180
ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa aactcgagcc 240
tctagaacta tagtgagtcg tattacgtag atccagacat gataagatac attgatgagt 300
ttggacaaac cacaactaga atgcagtga aaaaatgctt tatttgtgaa atttgtgatg 360
ctattgcttt atttgaacc attataagct gcaataaaca agttaacaac aacaattgca 420
ttcattttat gtttcagggt cagggggagg tgtgggaggt tttttaattc gcggccgcgg 480
cgccaatgca ttgggcccgg taccagctt ttgttccctt tagtgagggt taattgcncg 540
cttggcgtaa tcatggcata gctgtttcct gtgtgaaatt gntatccgct cacaatttac 600
acaacatacg agcccgaggag cataaagtgt aaaagcctgg ggtgcctaag gaagtgaact 660
aactcacatt aattgcgttg cgcttaattg gccgcttttc caatcgggga aacctgtcna 720
ngccanctgn attaataaat cggncacccg 750

```

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1094)

<223> n = A,T,C or G

<400> 4281

```

cctntnnncn antanantac ananntnntt cacnncant ntaatantnt cctntctanc 60
tctcttanac tttacgcnaa catatncnnc nnnctnatct tctncanatt ttananatat 120
acctnannct ccatncanna ggtngtnacn nnggataaat ngggngngtn gtaangagng 180
ctnatcnaac tactagggtg gaatnaattc ctncctntnt tctnactnag nttaatcatc 240
gtacgaggaa aaaacaaagn antancttan gccttngaca aggatatnag cacctaattg 300
actnntaagc ttaacctggn ggnaancccn natanncgta aantganant annnaatgcc 360
acangtnag ntntgcatcc cctgaaannc tnanaacaaa tgnntaanga ntatgntgt 420
cttaantatt ctttcaacta nttagttcna ctgcanaccc ccatcctggn aggggttatt 480
cggnagttaa ggtactttca taagttntaa acanaatgat atntgntatt acgntaacct 540
ttctcttgat gacaatgana aananaagcc agtttccaca gaagactana naannannng 600
ttnggggtgn tctnctggn ngntatcnnt tnttgccana cttttcccn cattttaaaa 660
nngtnnaaca ntnggatcn tttcattntn nctttcggtg aannttttaa tcntcntnac 720
naattggaan canatatttn ncccaantnn nccttttaaa atcttttagc caacancttc 780
ttctannnaa antngnaana accctntnnn atactaatga aanntgnct attatnctna 840
cnttgtttaa aanaatcnta ttcttngnga naccnntt attcnggttt ccccccttt 900
nnctnnncna nangctcnt naantgnca caatancggt ctaaanctgn gnatncacan 960
ntcacctta ccttacnta ntnantntnc ttganant aantaggntc ctcttagcct 1020
caaatnaaaa taactttnnn aacntntata nctntgcaaa cntntttnc anncntnaat 1080
atccaatttn cncg 1094

```

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1247)

<223> n = A,T,C or G

<400> 4282

```

nnggatnnncn cgcgtcnncg cnatgtgcna nnaacacnan tgtgtgntgg ngcnctngtn 60

```

ttttacngnt	gatnacnnag	atntttntnc	tcccnggnga	cgattgnaat	cctanacaga	120
ctacttggtg	ctntttgcag	gtacccatcg	attcgaatnc	ggcacggagg	cnancannnn	180
tngggacnng	gnttaantgg	cgncgnnnnt	nnnnacnana	gggnacgnan	annnttcnta	240
acaccttnnn	angttaatnn	actntgcagc	nttannnnct	cctaannngn	nggtancngn	300
nntnaggntn	nnngcagtna	cnaantangc	tacagnnnac	gntnaaatnn	ttngnnnnnn	360
naaaantgan	ggagncaa	agtgtngnt	gnanncgtn	aanatnnggn	cagatnggtc	420
atnnggnnnn	tnnttnatnt	ggnaacntan	ttngnnantn	ntnggttnag	catnngnnag	480
natntnata	tntntaactg	ntntgaccaa	atncatnaac	nnaattactg	nanganaanc	540
ngccntnttt	ntnnntatng	ntancnagan	ngtgagggcg	nngnagtgan	gatgtgtaga	600
annagntnng	aagtnatgcn	acacgtttat	atgtnnctn	tatcagngga	ananga'nt	660
ntannngnttg	acngnnntnn	ngctaaagan	aanaggnnna	gcgagannng	agnnttcgt	720
acagantccc	ncnaantgtn	ngnccgncga	anaatcnata	taattcnnta	tggttatcnn	780
tgtaggggcg	ttcnacacga	tnaattatac	tnacgattcg	tangttntctt	acncaatanc	840
gcncgctggn	anannnnntn	anntcgcgaa	actatagtan	cnncgnnagg	gnaaagatnc	900
annnggtacg	caattaaana	cnangcantn	ntngnnggan	atgtacgtaa	ccatantggn	960
tactactan	ntacatgng	ntntatnttn	tgncgatgat	atcgtnant	atatagtncg	1020
antgatntat	natnctctac	tnatagantt	gtatntnnac	anaagatnaa	tatctacatn	1080
tantancana	gatanctgc	aatnactgg	ngnacacntc	atanataana	cnncnaan	1140
tgcgannnat	catnatagag	tgactntatt	atannaaaa	taaccantnc	gtganatnga	1200
nnntnaatnt	acgtggttng	atgatcgcta	cgtanaaccn	cngnnncn		1247

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 4283

cctgctgtng	gganatanana	ncgtgctcnn	tttgtacttc	cccgnatggn	ccatcnacnc	60
gacgagccta	acgcttgtea	actngnggga	tengantng	agantgactt	tgtgncatnc	120
ntgantanan	ctgtangttt	gtgaaancca	nactacnngg	cctcngnctc	atcacctctt	180
acacattccn	nanantnnnc	cagtctnnan	aangagnctt	ngatnannaa	naagagnctn	240
tgnannaaca	ggntntnnna	gcnnngnnnn	actnanagcn	tgngaantga	ncgnnnnctt	300
ggctctngtc	cggtagaag	acancantng	cncanngaen	ggnnanncgn	caggccantn	360
aangnagcnt	gcgntnannt	tnnatgaagt	tgagnatggt	naacnnaatn	tcnaacngnn	420
ctntgtntct	gnnnngnnaca	cntgcctgan	aancntanan	ancnngnant	agantncnnn	480
aacnngatc	ttatanncac	tttggaanaa	gcactnatcn	cctnacnggg	catectnttt	540
gagancagga	canctgttgn	ngggacgccc	catgacacng	gcccagaana	ctccgggttn	600
tttgnntttc	agcnnnaaan	ggcgaagtga	tttcctnttn	cntncngngn	acncatnggc	660
tcatgnnecc	cetnaaannt	nnntannngn	cntcgntana	cacctnnat	ngcnaanggc	720
ccaangntnc	nanttcgna	ccntttacca	tnaaggatat	taccnnaacc	gtgccttttn	780
gantngccag	ncnattgggn	ntttntttgn	accatttngg	naaaggggca	aantntttan	840
ncgtcnc						847

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4284

gncntttgan	ttcatatata	agctacttgt	tctttttgca	ggateccate	gattcgctgc	60
agegtctggn	gtttncnttg	cagnccctcg	aaccagnacc	tcngcgtggc	ctacagagtt	120
atggcgacaa	naggccgtgt	gcgtgctgaa	tggcgacggc	ccagtgcagg	gcatgatcna	180
tttncagcng	aaagananta	atggaccagn	naacgtgtgg	ggangcattn	aaggactgac	240
tgaangcctg	catggattcc	atgttcatga	ntttngagat	aatacatgag	gctgtaccan	300
tgcaggncct	cactttantc	ctctatccan	aaaacanngt	gggccaangg	atgaanagag	360
gcntgttgga	nacttggnga	atgtgactgc	tgacaaaaga	tgggtgtggc	nnatgtgtct	420
attgaagatt	ctgtgatctn	actctnagna	gaccatttgc	ntcattggcc	cgtacactgt	480
tgggtccatga	naaaagcaca	tgacttgggc	aaaggtggaa	atgaagaang	tacatngaca	540
ggaaacgctg	naatgatttg	gcttgtngtg	taattggnat	ccccnaataa	acatcccttg	600
gatgaagctt	gaggcccttt	aattcatttt	ttnantccng	nnaccttggt	aantggnaen	660
tggaaactt	aacccttnn	tttnntaaaa	ggagaaanng	tnttntnttt	nanangagtt	720
ttttaanccc	cttggtcgan	aaaanttnnt	tttnnatttn	t		761

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4285

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtggtg	gaancnggnt	ncggacntgn	catngnntg	120
tgcctgtgna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnctgtgtg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaatn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nnctggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnnn	ggacngntca	480
ttattangen	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnctgncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngccttcca	ngaaaacctn	gttttcccgg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4286

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtggtg	gaancnggnt	ncggacntgn	catngnntg	120

tgcctgtgna	actacaggca	ctgncnnttt	ggaacaacte	anggcattca	tgcaaggctc	180
atnccgtg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atgggtntct	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnnctatn	300
aagttaaatn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnccgtncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttgnnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttncanant	tgcantnagc	720
tngeentcca	ngaaaacctn	gttttcccg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4287

gncntttttg	aattcanata	caagctactt	gttctttttg	caggatccca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgcagtcctc	ggaaccagga	cctcggcgtg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgcgtgctga	agggcgacgg	cccagtgcan	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtgtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcatggattc	catgttcatg	agtttgagga	taatacagca	ggctgtacca	300
gtgcangtcc	tcactttaat	cctctatcca	gaaaacacgg	tgggcaaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactgggtg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagtcca	aagacaggan	540
acgctggaag	tcgnttggt	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gccccttact	catctgggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcatcttaaa	agtgtaatg	agtgaacttt	canagtgcct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4288

nnatnang	gnnnctnntt	acttgctctn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggctctga	acctcttcaa	gagcntctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgctc	gctgagaaag	tccttgctgg	180
gaaatcgaag	attgaggact	actttccaga	atttgctcgc	tacactactc	ctgaggatgc	240
tactcccgag	cccgagagg	acccacgcgt	gacccgggcc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttcac	360
ctgcgctgtg	gacactgaga	acatccgcgg	tgtgttcaac	gactgccgtg	acatcattca	420

gcgcacatgcac	cttcgctcagt	acgagctgct	ctaagaagg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaac	gtaattgtac	aagcagttaa	tcaccaccca	540
tagggcatga	ttacaaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tccttccagc	ttgcttagtg	ttccaaat	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 4289

ngngaannaaa	ggaacgaccg	gnaaaaaangn	naccgcggcg	nncacngacn	gnnaatacnn	60
ngcgacgggn	cgtgnaaaag	nggngaggcg	naagtgggcn	naaataaana	aaacgcggcg	120
agagcancng	nngaactann	tngcagaaga	gatggtnnan	gcacggagng	gncggttttt	180
gaaaaccncc	tcggtncaan	gccccncgga	naaatngtac	gcgtgngtaa	gaaagggcng	240
nnaccgtgna	aantcgtgcc	gnntggagcg	agcgnagaaa	anncaagtgc	naagacgacg	300
aantttttgt	gncncnagtg	ngaanannag	gtggcnacg	ngggnggggg	gggngtngna	360
gangngaata	gtnagnngn	gntaaaaanac	ncgcgngnng	gacacaaaag	angganancn	420
natnggggna	gagaantnng	gtaancgngg	nnaggagaag	cgnnngnana	ggngnaggta	480
tngnangagc	gnancannng	atncgaggga	aaagcgngcg	gagaaacatn	nntnacgaca	540
atggngcgag	aggaaacggn	gcngcggaan	nnnaaannaa	ntagagagan	acnngnagnt	600
ggnananana	ngngggngga	ggaanngggn	nnganggaga	tagagncacg	gggcgtgana	660
nacaaacaga	aagtgcgctg	nnatagangn	ncgnaacntg	nangangngg	catannnnng	720
gananaagata	anntccnaga	tagagacgac	ggggcgcnta	nngnnnnnaga	ttgncggaca	780
ancgctgatg	cgtncnnang	ntgagagaaa	gcgangncan	ctcagggggg	ggaagggngg	840
tgtagnagagc	gnacncaaat	ggagaaagaa	cggtggaaga	caacgacgcg	gngnacacac	900
gntngagacg	tgggcaaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgcantg	960
aaacatacna	nctcggnngg	agggngataa	aanaggaatg	ngnggnangc	gaaganaagn	1020
ntntnctgta	anaactagan	ggncgcanaa	nnnggngagg	cgaagacgat	gannnnangan	1080
aaaggnggat	cnaacggann	nncgnatgcn	attntggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacgnnna	ngacgngcag	gtttgngagn	ggagnangaa	ggggagggac	1260
gacgagggtn	gtagnngag	nggacgagtg	ancgcngagt	gagatncaag	gacgaagana	1320
nacnnnggng	anncgtagnt	cgcgataacg	nnataangag	nnanagnnga	nncanatacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaatnac	ncagggaann	tgggnggaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnancgggn	gacnanngtg	ncnagnngaag	1560
ccg						1563

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4290

gaagtngctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tnacgtgtcg	ncggggcggt	60
cgcagacttc	agggtnctct	aacggagagg	ccaggcnccg	cgtggccnga	caactncctg	120
nccgctcctt	cagcaagtga	ctgtctntnn	cactncttac	ctgctgaang	atctngctca	180
gcngctggaa	caatgctgct	gtnacacant	ctcnctntg	cnacttnagg	atgctncttg	240
gtcaccagg	antggganct	gtagaccngn	cgcattgcact	tnncnecat	tcactgctga	300
ctggcttanc	tgnnatangt	tcnagngacc	gggacttntc	ttanagtcag	nagccctcnc	360
aactacntca	taccntcgca	tctgannatt	ttcacagagg	nnttntcttn	gaagnngact	420
tggcaagnct	tacaagttga	tnnatngnna	ttggnaantn	cntttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	tcccatgta	cannttccat	540
tanttaaact	agaccaatgt	gtacgggtca	tttgnngtat	tgnggaacat	cnnngttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttngtctcnc	660
taagtgtagt	taacttgcag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tggggancat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnn	nnnnnngnnn	nnnnnngggg	nnnnngnnnn	gnnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	cogttnatac	aacgacccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaacacn	nnchnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaaacngcn	caaanaacngc	agcaaagnca	gcanaganac	gcaaagggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggnnngccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aacccgggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaaann	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggntgntttt	nntggntggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntnecannn	gntgtntctg	gttnnatctt	ntaaatngct	120
tgctcttatt	atgttggtgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180

ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaaatt	300
tgagaagata	ttttncatng	naagatntcn	aantgaacat	tnggcattggn	aaaaccaaatt	360
tttaggatata	nactacacac	tctggntctag	tttaaaagac	tganaaatatt	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncttagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtcagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattgggtgtg	gataatnaat	acaancaatt	agggatatta	cttgngcna	720
aacaaaaaat	gaanacangg	ggaaaatnca	cattcaaacc	aaantangtg	gcatattata	780
cccacg						786

<210> 4293
 <211> 866
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (866)
 <223> n = A,T,C or G

<400> 4293						
angcnagagc	ccacggaatt	tncatgcctt	tatcgagncn	gcnccegcgc	ggannnaaac	60
agcnggacnt	gccncacgag	nggantntgc	nctttttttt	gggccgncca	nntcccacag	120
ncngangggg	ggttaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnnca	tggccaccag	gcncgnccac	tcacngcaaa	agtgaccaag	ccagcangtc	240
acccttaact	ggcagaaacc	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtnagtga	tgggaaggna	agaaaaattc	agnatggana	anaanaatcn	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natecnantg	gncntntaat	nntacaacca	anccttaacc	ttccactcta	aagggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	gggggnantaa	atgatnangg	540
gaaancccaa	aantctaccn	nnantcnang	gantntggaa	tnccttactc	ttcatcaaga	600
ncatttccag	nttctaaggg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnggg	ntcgcccggc	cccnaaaaat	natnataatg	gaccnggggn	tcaaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaagggaan	gaagggaaaa	780
tncccnegaa	ancccccggg	ataaantcga	anggggttac	acaaaaaagc	catcccneg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4294
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 4294						
ggnnnnnnnn	cnggnttnnn	nnnttgcttc	tnagccttng	catttgactc	ctgcaggatc	60
ccatcgattc	gaattcggca	cgagcttttag	ttcagataaa	ggaaacatcc	aaaaatactg	120
agatgagtaa	aattttattc	aaagtagggt	cctgctttgt	cttgatctca	atccattcta	180
actcctgatg	tcattttaccg	tgtgagatct	tagtacaatc	atgaaaagaa	tatgagcatt	240
tatcaaaaact	ctctgacatc	tgtatgttta	gaaatgaact	tacacagcaa	aatatgattt	300
ccttgcaact	atttaatttt	tctaaactca	atttctacct	atgtgtctct	gccagtttga	360

cctgattcag	acaccagaa	cttgaataaa	gaagccctct	tctattttca	ttcttaatga	420
atataccttt	tcccatgtcc	acattgagcc	tcccttctgt	gtactctgct	aatgcagcca	480
catgtctagt	tccccctctc	tgcaccaccc	tcacttcttc	tttcccatct	tcttacttct	540
ttgggtgtgac	ctctctgtag	gacaacatgc	catttctgat	tccccacaca	cataccctat	600
cattgatacc	taccctcang	gattagaatc	tggctagtaa	tttgggaagag	cccatcaagg	660
ctttagtaaa	gtattggact	ggnaagtcaa	caccattat	ctcatcaaaa	gggatgctgt	720
gttgggggca	nanggagaga	gagagagaga	gaccganaga	gagacagacn	gagagagaga	780
aaggaat						787

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4295

ggnttnnnnt	nntgccttan	aagccttgcn	tangatgecn	ttnggatccc	atcgattcga	60
attcggcacg	agggaaacct	gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	120
ctcttccctt	attgggtaga	gatacatcat	tactggcctc	aggggtttac	ccaaagaaa	180
ggtatttttg	agcaaataat	gtgatttcct	ggctattttg	ttgggggctt	aagatttttt	240
tttttcaaat	gcattttttg	tcactaaaaa	ttaactgtcg	taccatctag	aactatactg	300
tccagtagca	tagcctctag	ccgtatgtan	gctattttgt	ttaagattaa	ttgaaatttt	360
aaatccagtt	cctcagtcac	actagccact	ttctaagtgc	tcagtagctc	tgtgtgacca	420
gcggctactg	tattggatat	tatagaaggt	tctttcattc	aagatcatca	ttcttgacag	480
accataaat	atttctata	aagactgtag	aagtgtgttc	tggaggggtt	gctctccaaa	540
aagaattgta	atatagagta	gaattgggat	agagtattga	anacactggg	tttagacatt	600
ggatatttta	aatgattgng	gtgttcaatt	catgtgctgc	ccaactggag	ttatctagtg	660
gatattgacc	ctcactggct	tgaccaaag	cccggaatag	aaaggcaggg	aattcctgaa	720
attctaattc	taaaaatttg	gcaatggaaa	aagccctttt	nccataaaat	tantcccatt	780
nttgtaaatt	ccttg					795

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4296

taagttgctc	tgttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gactggagtt	60
aaggaggtag	atgacttctt	tgagcaagag	aagaacttcc	ttattaacta	ttacaatagg	120
atcaaagatt	cttgtgtgaa	agctgacaaa	atgaccagat	ctcataaaaa	tgttgccgat	180
gactatatcc	acaccgcagc	ctgcttacat	agcctggctt	tagaagagcc	cacagtcac	240
aaaaagtacc	tattgaaggt	tgctgagcta	tttgaaaaac	taaggaaagt	agaggggtcg	300
gtttcatcag	atgaagattt	gaagctaaca	gagctcctcc	gatactacat	gctcaacatt	360
gaagctgcta	aggatctctt	atacagacgc	accaaagccc	tcattgacta	tgagaactca	420
aacaaagctc	tggataaggc	ccggttaaag	agcanagacg	tcaagttggc	tgangcacac	480
cagcangagt	gctgccagaa	atgtgaacaa	ctttccgaat	ctgcaaanga	agaactgatn	540
aatttcaaac	ggaaganagt	ggcagcattt	anaaagaatc	taattgaaat	gtctgaactg	600

gaaataaaaac atgccangaa caatgtctcc cttttgcaga ctgtattgac ttgtttcaaga	660
atactgatat gccttcctca gaagaaaaga aatgaatgtg aaagaaagcc agcctcactg	720
ccttaaataca ttaccgga	740

<210> 4297
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 4297	
cccgcataata aanananacc cngngnacna annacacacc cannaanana taatanngcn	60
ataagnnnac angggggaac aggggantn gngcgaatga ngacnncaat tnacaggnat	120
ttaattccaa nncnntnana ctacngnccc nnanatcnna cgagnatnca ncccaagnag	180
nanngacan tcagangagc gtnntacaan nacngcaann acnggaccag ncnggancga	240
taangggggn caaancanna nttccangga tcangcatag tacnaccnct gaatnggtac	300
cattncnact ttacncnnga cnaacaagta tccctgntgg cctnaaaatn caagttgaaa	360
atnaantcng aantctncca gancaaanana gacatncann ccnatnnntt anantacnaa	420
ntatcnaatg ntanaaatcc atggnaaaga cataaaaact nncagctata naaananctn	480
ntaaanggct attnggatnt aaaaaccana tnatnnnacc ntncacnac ctannntna	540
agaaancann tnnncaana ntacnancca atnnncagan ggacgnnaaa tgnnnacant	600
cangaaattg aaaccngana agncccnatn naangnntta aaaacntcag cggcaaattcc	660
cncatnccac naanggnntn ncggaaaang gnnntaact ggntaacncc natantntaa	720
aacgggaacc atcgccaatg cgtncgctan ccaacanann taaancgatc nacannacca	780
cagnnnenta ttnaagaatc tnganannca cacttacnna ttcaaataagg ngncntnnnn	840
tgnatatnta ncnnatnngc cacatctnat ntatcaccnc annctcanng ntcnnacanc	900
atggagagca tntcnggana caancngtg annancacat cncancanng cgaaacncca	960
natatntacn tgggtantca ncgcgnaact gcgcgcgcgn agnatnagat cacattatnt	1020
gatactacag ctaaanngac acacattaca nngtntntac anaaatactn tacnntcnan	1080
acncntaca cacaaaaatt acctcanagg gaganannta catatctnaa aacanccecn	1140
anantnancn naaaagactc cntacgcgna nanagtgcgc tctcgnaann g	1191

<210> 4298
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4298	
ntnctgtttn ntanaacntt gntcttttn tctgcaggat ccctcgattc gctaacaagc	60
gattctaaac cacctatgag tatttctttt agggctcact taaatacatg tttgtatata	120
ctgtattcta gccagaataa ttttagatct gatcaggtag tagctaaaat tagaaaaaaa	180
caaaatagat gcttaaagaa tttgcatcca ttttgagtc taaatctttt aaaatatact	240
gagatccaca tctagtgaat tgctcagtg aaaatattat agattatagc taaaatccag	300
attaatactc atttggggtt ttttatagtg gaacttcata gtaatacaaa aagcagattg	360
tcttcctgtc tccgctgctc ccacagtagg tattgaaact ggtaaaatca gttttttgat	420
agtgtgtgta tataagaaaa aatagatata cacattcttt tttctcagtc aacacattga	480
ttgaacactc tggcaaagat gctgtggtgg atgaggttgg agttcgaaag aagaagcaag	540

cgctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagagggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4299						
ntncttttnn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggtcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	tttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtgct	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttgggggt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttcctgtc	tccgtgctc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagataca	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtgggtg	atgaggttgg	agttcgaaa	aagaagcaag	540
cgctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagagggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4300
 <211> 850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(850)
 <223> n = A,T,C or G

<400> 4300						
gctnntgacc	annntanngn	tnggaatcnc	antcgttnna	tngcncntng	attcgaattc	60
ggcaentggn	gtctnnctgn	tctgtgttgg	caagggttag	ttnccaagtg	agcaagatng	120
ttccctncta	acaggctccg	acgggtgaac	agtntgngtg	ntatccatac	ncaggcacat	180
gccatcggtc	tacagcangg	tcctcaactg	gtgcctgctg	gccctggggg	angaggcaaa	240
gctgtggctc	ccagcaaagc	agancaaaaa	gagttcgccc	atggatcgaa	cantgacnag	300
tatcngcnac	gccgagagag	gaacatcatg	gctgnaaaaa	agagccggtt	gaaaagcaag	360
cangaaagct	caagacacac	tgcaagagtc	aatcagctca	naagaagata	atgaacggtt	420
ggaagcaaaa	atcaaattgc	ntgaccaagg	aattaaatgt	nctcaaanga	tttgnttctt	480
gagcatgcac	acaatcttgc	agacaacgtn	cagtccatta	ncacttgaaa	aatttcgaca	540
agcagatggg	ngncaatggc	acggaccant	tgacccttaa	ccccctttcc	aagactttta	600
naagcttgna	ggctttggaa	tggctaaaaa	ggtggtggac	cccccggnaa	cctcnnctcat	660
tgtcanengg	gcntnaaaaa	ntttggccca	ttntccctnt	tgaacttcan	nagnacccca	720
tttggttaggc	ctatttttcc	tgggggannn	aaatccctnc	aataantntn	nnnttnnnn	780
ttaaaanngn	ttnnccnttn	ngnatcccg	attatccngg	gnttttaaaa	nggatnanan	840
ggntttttct						850

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4301
 cnatcatctt tgnttctata ctcagcttgc ntgtanagna ngtcggggtt accgnncc 60
 anngtaccct atanngantn gtantacaaa gagactnann gcntttnaan ggccgcgtta 120
 ctacananna cnnantngtn acnncctngn atcaccnanc ttaatctcct tgtancacat 180
 ncctnctttt gccagctngc ntgatngcga agaggncctt accnatcgcn cttncaaaaca 240
 gatngggcaa actgaatggc aaatggacnc gccctgaacc cncgcatnaa gcgctgttgc 300
 tgtgcagggt acccgncag tnaccanta cacttnccan cgccttagcn ccttttctt 360
 cctttctttt tcnttacgta cncnctatnt gcgnggatn nttnnantaa gctntnaatt 420
 ttaggcttcc natacngtnc ntaantagng ctttaccgca cntngatcnn tnaaaantng 480
 nntanggtta ngggctcanat accgtgccat accctttag accnttnntt nccnttgaac 540
 gtngaagtan atcgttcctt aataatncac tcttggancc aaactggaac cananctcga 600
 cccaatctnc nggntatntn ttnggattta taaagngatt antgcccttt gttnnaacta 660
 ttggggcttg anatntgncc aanattttta cgatgaaatt ttaaaccgcg aaattttaac 720
 ncaaaaaatt ttaccgcttt ancaatgtta tttggaatgc ctntaaaccc cctttntann 780
 tcnctcccc 790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4302
 catatatctt tgattccntt naacccttnc naactacttg ttcttttttgc aggatcccat 60
 cgattcgaat tcggcacgag ccaacgatct gtatcaacca cgtcttcatt ttctttttcc 120
 tgtttgnctt actctcccc caaaaagagt cagtttcttg tttctcatt ttctcagttt 180
 aaaattagag cctatggca ggtgccatgt acagctgcaa aggtggcaag aagccctgag 240
 aaagctcaag aacaggtcaa gggggtgggt aaggaagatg ggacgttcaa gcagaaacaa 300
 aaagaggagc taaaagtga agccaccccg ccaccagccc tcaccagtca caggtggaat 360
 taaagaaatc tggcaaaaaa taaattttgt tatccgtgct tggggcggtg acccttgacc 420
 ccattcctat ttaaaccatct ggattctctg ccataacatc ttttgccacc tatagctaca 480
 ataaagtgtc gtcttggagt ctgttggtaca tttaacaata aactttttgt naggaaagta 540
 aaaaanantc tacagttcaa tgcaggatan ggatgggtgg gccttaattc aggaggtggg 600
 aggtcaaaaa tcaattactc tgtttganga gatggaatct nctggaatct caaaaangga 660
 tttnttttta ngaatcatca agactcatcc cgacttcgtc aagtcttttc tcttggtggg 720
 agttatgggt ttggnnttta attttngttt tgggtttttt ttttgggggg ggnaa 775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(940)
<223> n = A,T,C or G

<400> 4303
gtttcataca agctaactng gtttttttta aaagccccgt tcccccaate ggnattttgng 60
gtgcnactgc ggggaggagg ancccntacc ngangnacc naattgcggg ccacgggagg 120
gcgtanacac ttttnacngn gtanatggcc ggagnngng nttttancca nattttantt 180
nntgggcnc ccgngtgctc tggtcagncc ttttaagtgg tnaanangca cngncctanc 240
ccctaantta aaatncccc gnanaanact nttgcgcnat naacatcact gannngtggt 300
tctnatagta tgntntacac ctatnacant tccctcaat antnattacc tgtagngcaa 360
gtggncanac ttnanngcag agtnaactnc angnggttcc tnaatngggn natntcggac 420
ngtctngtan anttgacaac gnaaatatat gacgncnatn ggaaaatnat tgtngntatg 480
caaggcnttg cggngtccan cntantnctn atgttgaaaa tncganttat aactnntatg 540
angctgcttg ttnnatttga naancntttc ctaanntctt tganncgna attaaanann 600
tngttnttga natnganagc ntaacacceg ctacaanac tagnttgnac tnaatgntga 660
aaactccgaa cctctgngaa attcatgttt nattttgatg aacngggcct ccaatntnt 720
attcggnttt ntannnggac gnnacctgtt gatanngett ttttcttttn cntntnann 780
aanaatnaac ctanntaact caaangcnc anttgatctc antaaaannc ngantgnaan 840
tncncattga ntttnaaagc gggntttant ttaaaaanaac ntcccttttg ggnctgtggg 900
tngttgncna cncnanangg tgnaaaattt tttttttncg 940

<210> 4304
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = A,T,C or G

<400> 4304
annnnnnnnn nnnnnngnnn nnnnnngggg nnnnggnnnn gnnnnnnann nnggnnnnnn 60
nngggnnnnn nnnnnngggn nnggngncng atangnagac ccgttnatac aacgaccac 120
ggancggann cggcacgaga agcngcnagg gccaggngnn aannnnanag gnnnagnngg 180
acncngnnan gaaaaganag gnnagggng ggcgacagg nganacagnc nnagaaaaag 240
caggannag caaagnang gaaagcnagc gggcangcnc gcnaaccngg ggaacgnc 300
cnnnaacacn nncnaaacnc gngagccnc nnaacgaag gaggaggagg agcaaaccnn 360
nnccngggac gganncagna agagggccag cgcceangga naancacaag nanganagcn 420
ggaacnggcn caaanacngc agcaaagnca gcanaganac gcaaaggnac aaaganng 480
agccaggcan nagncnagac acagnaagg aacagacaga naggcanncg aggccnggaa 540
ggagcgnaca anccgngngg nnnnaaagcn aaangnanna aacangagcc anncngagg 600
angacagcca gnannaaaca naaaggccgc acgnacagc cagcgnngcn aagcgggagg 660
agcnaaaan aacanangna cggngggccc ggcnacagng gccacgncnn cgggggncn 720
ggcncccaag gggaggggcn aagggggng gnnngaacnn cccgngggga cnanaagnng 780
ggcncnccca gncgggggn aaccggng ggaacccca nccncggagn gnaaaaagg 840
cccaaaanng ccagnagga aangngcng gggcaaacn g 881

<210> 4305
<211> 891
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4305

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnnaa	aacatgangg	tngtnaganc	ctcnnegaga	catnceaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnngc	480
ngacnatggt	aaanggacna	atnatcgagg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtgc	ccnncnctg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacncnt	nnnttgngn	660
ctttgccaca	cnncnngggn	aaacttttga	gncannaaaa	naccnctnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgn	ttttttacag	nttngacnca	aaaantttaa	agggaaancc	c	891

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4306

ntcnnccttt	aanccentat	ccttctcnaa	acctttggaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgcaagagaa	cctgtaagta	300
atggaaggtn	aanaaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttaa	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aaatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangngg	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancc	720
gataatctat	gggttagaaa	gntccctgn	atatacaaaa	ttgccanttt		770

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4307

ggngggnttt	ttnatatana	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggccctcat	ctccagctaa	ctgtggagaa	gcccctgggg	gctccctgat	120
taatggaggc	ttagctttct	ggatggcatc	tagccagagg	ctggagacag	gtgtgcccct	180
ggtggtcaca	ggctgtgect	tggtttctctg	agccaccttt	actctgctct	atgccaggct	240
gtgctagcaa	cacccaaagg	tggcctgcgg	ggagccatca	cctaggactg	actcggcagt	300
gtgcagtgg	gcatgcactg	tctcagccaa	cccgtccac	tacccggcag	ggtacacatt	360
cgcaccccta	cttnacagag	gaagaaacct	ggaaccagag	ggggcgtagc	tgccaagctc	420
acacagcang	aactgagcca	gaaacgcaga	ttgggctggc	tctgaagcca	agcctcttct	480
tacttcaccc	ggctgggctc	ctcattttta	cgggtaacag	tgaagcttgg	gaaggggaac	540
acagaccang	aaagctcgg	gagtgatggc	aagaacgatg	cctgcaggca	ttggaacttt	600
ttccgttatc	accagggcct	gattcactgg	cctggccgga	anatcttcta	aggcatggtc	660
gggggaaaag	ggccaacaaa	ctgtccttct	ttgagcacca	anccnnaccc	aancaagcag	720
acnttttttt	tt					732

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4308

gnnccagctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tgtattcaaa	cttatgagag	60
tataaaggat	ctggagggtg	gggatatgac	tgacaaggaa	aggctgtggc	cacctgatga	120
ccctttccct	ttttattaaa	ccggacacac	ctgtttccca	tttcgctgta	gtttagtttt	180
tggtttggtg	tggttggaac	tgctttgaga	atcctgggat	ttgtgctgct	gctgttattc	240
aaagatcaaa	ggagtaaaa	atagttgctc	ctaacttttt	tccagcagca	gcaagtggta	300
ataaacatga	aaactgggtt	gtagcagttt	tgaaagaata	gaatgcattc	aaatgtaagg	360
ctgcttctg	atcattaaa	ccagtttcat	caaacagttc	aacagagagc	agcacttaat	420
accctttata	cagcccat	tttcatagtt	tcatttggtc	ttgcccacaa	gcttgaaatc	480
caggtttaagg	tatccagcct	ttatcatata	agcattgaca	ttatccaggc	ctagtcagta	540
gcagtaggg	aacgggattg	aaaaagattt	gatggagagg	aaagtatcta	atattagtca	600
tgggtttgac	ctaaattgct	agacagtcgt	gccattcaca	aagtcagaaa	atncagcagg	660
aagagacgct	tttananggg	cagagaatta	gaggatgggtg	gtagtaatga	aaatgatgc	719

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4309

gggttnannt	tcnaannngct	gggctangcg	ctttctgcag	gancccatcg	atnctgttcg	60
cacgagggtga	cagagagcag	ttgaaatgg	tttttagttc	ctatggaaaa	gttgaagggt	120
tttgggtctaa	ggaccagnca	cagtgggaaga	atgcatctga	gaatgatgag	cgcttatcta	180
acccccagat	tgagtggcag	aatagcacia	ttgacagtga	ggatggggaa	cagtttgaca	240
acatgactga	tggagttagct	gagcccatgc	atggcagctt	agccggagtt	aaactgagca	300
gccaacaggc	ctaagtgcc	ggtnccttgg	cgttgggtgac	atgctgcagc	ctggaactct	360

gatatccagt	gtgactgcaa	agctgtcttc	tcactgggtac	tgccttgtga	gtactgggtg	420
gactgtgggg	catgtggccg	ctgcagatcc	agtgggtatt	nctaagncta	tgacaggaca	480
ggctganctt	gcntcanaac	cttctctgac	agacacggga	actaaatgtg	aaaaaccaat	540
aanctggaga	ctcatgaatt	cacacgagga	aaagcagagg	nttattnatc	tgncctttca	600
acatttnttt	cctctgngaa	angaanggtc	anaggctttg	naaaagtggg	aaaactaatc	660
acatgggaag	tgtaagggcc	ancatccaag	ctaccaantc	ctaaangngn	caaancanac	720
ctttngggaa	aaaccnaatt	tttnnaagccc	gggntnnnnn			760

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4310

tttnaatngt	nncttccctt	tcctaattngc	ttggcggtttt	tttccattta	aaagtatttt	60
atTTTTttcc	agtcaaatga	ctagttaaca	agaaagagta	aacttattaa	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaaag	aatcagggtga	atgaactgaa	tatcatacat	ctcaaaatag	240
catcctaagc	tgcatattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcatcccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaacataaa	actttaaata	taaatagata	tctacaatgt	420
ttttctttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggtcg	ttaatataat	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
accctaaatg	gtagactgga	aaaatatctc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatgggttga	tattgaaatc	aacctttaat	660
tcctttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	ccnttaaggt	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggacaagaa	ncagnaaaaa	cgngnctngg	aaacttcctc	60
ttncnncag	cannncnaca	ttgggnctgg	gcacgaggtt	agagtaagta	anagatntng	120
ccnatTTTTg	cacttaaanc	caagaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggtca	cccataatct	tggntttgca	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccttgtg	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggnctngg	gnaanccata	anatgnctcg	gagnnccaag	ggnaaccctn	540
aaannttacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaacc	gggccnaaan	ncnaacaaan	tanngntaaa	cgggnncatn	aaagnccccc	660

tnnaccagng	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaagggg	cnaataaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggnacagg	gccccaaaaag	nggggncnna	780
canaaaccan	cngggangcn	ntaaaaanct	atnancccgn	gggnaaaagg	ngngaancce	840
cggaannc	aaaanntncc	cttgg				865

<210> 4312
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4312	
ttenctttcc	60
tcnctctcnc	120
tttnncnctn	180
nencannccg	240
nngtgncgcc	300
tgccttcgcg	360
tgnetgcacc	420
tgcgntgct	480
teetggccnc	540
tennnentec	600
cnnccccccc	660
centnctec	720
ctcennnen	780
ntnncnnen	840
cnnccctct	900
cnncccnenc	940

<210> 4313
 <211> 1051
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1051)
 <223> n = A,T,C or G

<400> 4313	
cannccncc	60
ncgnacaacn	120
cgaattcggc	180
gccggcgccg	240
cggaccatcg	300
ngccaacgtg	360
gccatcgga	420
anctnaccen	480
atacaciaac	540
antctncnn	600
cnnnnntcaa	660
cnetcaacat	720

ncntntntn	aantgcctan	aaancacnnc	cncncaacta	anntcnacat	anacgcanna	780
natatatega	acaaancata	acgnacacna	naananattn	cnngngnaac	tacctannat	840
antanaaaca	ccnannacca	accanactcg	nccacnngcn	ctcnctncnn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttnecn	ncccnncgct	nacnccccgc	tccatnatan	960
naccacaacn	nnntcataac	annntcgccn	anancgacac	ctnatctcgn	cncgnganag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatccct	cgattcgaa	tccggcacgag	gaaatgtgta	60
tttcagtgc	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctaccttaca	ttaattaatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagttca	tggtattctc	ttgattccaa	240
caaagtgtga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctggt	gtaatttaaa	attttggcca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtn	ttttnttttc	tttttggatg	480
tgaaggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccg	ngntcctttt	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcggtggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccttgcc	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgctgcaacc	gaagtccect	ctttggtnnt	ctaaccateg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggcccca	tttccnantt	tttgaaanaa	ggaggnccg	centncttta	nngggcttcc	780

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316
<211> 942
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(942)
<223> n = A,T,C or G

<400> 4316
gnagcgtnnn cctttggaac ccnttgctac ttgctctttt tgcagggatc ccatcgattc 60
gaatncggcg cgnngctggn cntaggcgtn gnnnatncca aggccatatn acatnngatn 120
ntncanaaga gncatataat cnagnnngta aattcacatt gtgctgctca catggatnga 180
acatacaaat tgatgggttat aaacctggat gctcaccatg actccaaagn nctnggtgnt 240
aaccatggnt atagnngnag ntcnnanngg actnnatag gataccgagg ctctccagaa 300
caagctccan gaantgatca ctgngctanc ngnggctatg acagctgtaa ngcncgaaca 360
ggaatacntg gaagtccggg tnanaataca ctnagccatc ancgactgca catacagcat 420
agtggtnctt gtggctcttc ttngaatectc tngttctagn caccatgaca ttgngacaga 480
tntactactt gaagagattt tttnaagtcc ccagagntgc ttaganaaag tcnactnctg 540
angatccnac ctnaagaatt naatgntnac caaacacct gntcntaata atgggccata 600
gtttctctgc atgnttttatg gttctnggac ttgtaccatt tcacatcgta atgggtgnnc 660
nttngagaat taatncattt aattgggggn gggaaanaac ggcctttttt anggcnaaat 720
tnaattaggg cnaaaaaattt ttcccagttt aatttgggnc nttaaaccct tngtntttna 780
aancttgnc tncatttntt gttanagttc cntntcaaaa tactttanac cctcttntt 840
caanttnnan natttttnngn anttancnc atnccaanca attntntnnc nttncnntt 900
nacnnttttc cnttggantt ntctgcacn tcanctnncn ct 942

<210> 4317
<211> 891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(891)
<223> n = A,T,C or G

<400> 4317
annatccttc tgangttngt ctngctcttt ctgcaggatc cctcgattcg tnagtgtctg 60
nntgncaggc ccctcaaaga ttcttnggnc ttttcccatg tgnttgaaga agaantcnat 120
ngncnntcat tgaatcaaac tggaaaacct gctggcntgc tgctgacgac tctgnggcta 180
ncaaggtnct anactcnnaa aacatgangg tngtnaganc ctcnncgaga catnccaata 240
tctgctcctc agtggctttg cngnctcaga ggctcanag cctgctgtca tgtggacctg 300
gatatgcagg tgatgctgng gactcttcaa aaagcccnac cactctgnga ttacgaatnt 360
acangacaga tganacacga acatgatgna aagcccacca tnaccnntan agcncttaaa 420
cctgnccta gnncattcna tcnanggggn ttctntntngc tatattggta gttgcnngc 480
ngacnatggt aaanggacna atnatctggg tgatgggact gnantgtgan cnggnctng 540
naattanggg gccanncttc tagggngtc ccnnentng cctntcnntc canaaatgcn 600
tanacgtgc ttntacctgg gaagnnatg gatngnnaaa gaaacnccnt nnnttggngn 660
ctttgccaca cnnnnggggn aaacttttga gncannaaaa naccnctnta taaccanntt 720
tnccntccnc taaaaacttg ttacnncnaa cntatnggca ataggnaaaa acccctttac 780
agggnaccgn aaaaccttg gcaacnccan aanntntgnc gttnggggaa aaaantacct 840
ttggcccgnt ttttttacag nttngacnca aaaantttaa agggaaancc c 891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4318

ntcnnncttt	aancccntat	ccttctcnaa	accttttgga	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnngt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttgggc	acaggcaggt	ccagtcactg	caaaagtgac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaa	at	tgcagagaaa	300
atggaaggtn	aanaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tggttagata	atctggta	aatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangng	tcnttngccc	ntantatat	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	nnccgaancct	720
gataatctat	gggttagaaa	gntccctgn	atataaaaa	ttgccanttt		770

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4319

tgttttta	atn	ctngtcaaat	ccttggtctac	tcgntctttt	ngnanncgna	ttcngnncgg	60
ntcccatcnn	ttcgctgggg	tgggcagtt	tttgaaaatg	ggctcaacca	gaaaagccca		120
agttcatgca	gctgtggcag	agttacagtt	ctgtggtttc	atgttagtta	ccttatagtt		180
actgtgta	aat	tagtgccact	taatgtatgt	tacaaaaaat	aaatatatct	accccagact	240
agatgtagta	ttttttgtat	aattggattt	cctaatactg	tcatacctcaa	agaaagtgt		300
ttggtttttt	aaaaaagaaa	gtgtatttgg	aaataaagtc	agatggaaaa	ttcatttttt		360
aaattcccg	tttgtcactt	tttctgataa	aagatggcca	tattaccct	tttoggcccc		420
atgtatctca	gtaccccatg	gagctgggct	aagtaaatag	gaattgggtt	cacgcctgag		480
gcaattagac	actttggaag	atggcataac	ctgtctcacc	tggaacttaag	cgtctggctc		540
taattcacag	tgctcttttc	tnctcactgt	atccaggttc	ccttccagag	gagccaccag		600
ttctcatggg	tggcactcag	tctctttctc	tncagctgga	cttaaaacttt	ttttctggac		660
cagttaattt	ttncaaactac	taatngaata	aaggcagttt	ctaaaaaaa	aaaaaaaaa		720
ctcgaacctt	tanactatat	gagtcgttta	cgtagatcng	actga			765

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4320
 gtnccnntttt gaatncncat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agcttatctg tacgagatnc attccnagac ccctagtggg tgcctgaaac 120
 ctcagatngn actgaaccct ttatgaacta tgttttttca gtctgacaac caaggcggct 180
 actaagtgac taaggggcag gtagtatata gtgtggataa gcaggacaaa ggggtgattc 240
 acatcccagc ctgngcaaca gagcaagact ctgtctcaaa aaaaaaaaaa aaagtctcan 300
 taacctatgg gataatatac taacaaacag ctgtgttaact ggaatnccat aaagcantgg 360
 tggacanagc agaaaaatat ttgaagaaat aaagactaaa attatgtcca ntttgatgaa 420
 aattatnctc tgacagatct aaganttttna gcaaacctta atcaagatag tctctctctc 480
 cctctcacat gcacgcacac gcaccgaagt tnagccataa tcaaactact aaaaaccant 540
 aataaaaanga ataattctta aatgtngcca gagaaaaaan gacacgttac aaacagaaga 600
 acanggggta gaaaactgaa acttttctta naaactacat acgcagaaga caacaaattt 660
 gcttaaattg tgaaaaatcc cctcacacta gagagaggct ttggtggtag catggctnag 720
 taggtgcaca agacgtgccc tcct 744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321
 gnttgnngtn taantttnta aggateccctt tntntgaanc cctttctgca ggatcccatc 60
 gattcgaatt cggcacgagg caggagnaat cacttgaacc ctggagggttn cgggtgcagt 120
 gagcacagat catgccactg cactccagcc tgggcaacaa aacgagactt cgtctcaaaa 180
 aaaaaaaaaa tagaatttgg atccttttgg cgggttctcc caaattcttt tgagggtgtcc 240
 atggtcaact gcttcagctt tgttttggca accccctgcc cgaagtcgca tataggctgt 300
 tcttcacctt gtttccaagg ctgaggaaca gaaagtagcc tctgttttga ggagggtggaa 360
 gttaagtata catttatctt ttactgtgac ttgttcagga ccacatttta caaatgcct 420
 tgtttccttc attgtttctg gaaaggaaag ttctattaat attgntttac tttgaatata 480
 gaatagtttt ttttaattagg gcttatcttg aaaaattctg agtttaattc aaatgtatgc 540
 caataccttc caaagtaagg taatattcag agacagttgt tgggtgatcag atggccttaga 600
 gaaaatttct ggaatattca cattcgaaga tccttattat gaatgtcttt gacttaaate 660
 taacaaaaaa ctgcacatta ttctttgnac attttcatta tatagngtta acaagcttan 720
 ttgcaaacca ataaatactt aagctattta aaaaaaaaaa aaaaaaactc nc 772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322
 tnnctttnac tntnntaatc cttntngang ccctntngca ggatcccatc gattcgcgtc 60

tgtaatccca	gctgcttggg	aggctgaggg	angagaatca	cttgaaccct	ggaggtggcg	120
gttgcaagtga	gcacagatca	tgccactgca	ctccagcctg	ggcaacaaaa	cgagacttcg	180
tctcaaaaaa	aaaaaacata	naatttggat	ccttttggcn	ggttctccca	aattcttttg	240
aggtgtccat	ggtcaactgc	ttcagctttg	ntttggcaac	ccnctgcccc	aantcccata	300
taggtctgnc	ttcaccttgt	ttccaangct	gaggaacaga	aagtancctc	tgtttngagg	360
aggtggaant	taagtataca	tttatacctnt	actgcgactt	gntcangacc	acatttttaca	420
aaatgcctng	tttccttcat	ngcttctgna	aaggaaagtn	ctattantat	ngtgttactn	480
agaatataga	ntactttttt	tnattntggc	ttattttnaa	aaattcttag	tttaattcaa	540
atgtntgcca	ataccttnca	aagtaaggta	atntcataga	cantngttgt	natcacatgg	600
cnttacanaa	antnctggat	attcacnttc	taaanattcc	ctattaaatg	aatgtctttg	660
acttaaatnt	acaaaaactg	cncatattct	cgtacatttc	gtaaatngtg	nacaagctan	720
ttgcaaacia	taaatacnta	actaaaana				749

<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4323

nttnngtttt	tantttntnn	aancctttgt	tacntgcnc	ttctgcagga	tcccatcgat	60
tcgccagccc	ctcctctccc	cgccttcttg	gaggaggagg	tcacncgctg	atgggcactg	120
gagaggccag	aagagactca	naggagcggg	ctgccttccg	cctggggctc	cctgtgacct	180
ctcagtcccc	tggcccggcc	agccaccgtc	cccagcacc	aagcatgcaa	ttgcctgtcc	240
cccccgcca	gcctccccc	cttgatgttt	gtgttttgtt	tggggggata	tttttcataa	300
ttatttaaaa	gacaggccgg	gcgcggtggc	tcacgtctgt	aatcccagca	ctttgggagg	360
ctgaggcggg	cggatcacct	gangttggga	gttcaagacc	agcctggcca	acatggggaa	420
accccgcttc	tactaaaaat	acaaaaaatt	agcccggtg	tggtggcgcg	tgccataaat	480
cccagctact	cgggaggctg	aggcaggaga	atcgcttgaa	cccgggaggt	gggggttgcg	540
gtgagccaag	atcgccacct	tgcacttcag	cctgggcaac	aagagcgaaa	ctctgtctca	600
aaataaatta	aaaaataaaa	gacagaagca	aggggtgcct	aaaatctaga	cttgggggtcc	660
acaccgggca	ncgggggttg	aacccaacaa	cctggtaggc	tncatttctt	tccaagcccc	720
aacagaaggt	catgcgggcc	ccacangaaa	ancnggcagg	gccncggggg	gct	773

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (916)

<223> n = A,T,C or G

<400> 4324

nttcnnngn	aanttnegng	natnntgncn	gaaccctttt	cgatnnnnnn	gattcgnagt	60
acngacnagg	agannctgnc	ggncntgtgn	tggaanctnn	ntttggaccn	cnctttnncc	120
ngtgcctntgt	gaactcagag	cacgggcnnt	ttggaccnac	tcaaggccan	tcatggcatg	180
gctcatncct	gaggcacgna	nnganactac	attcncagg	gccctttnaa	acaatggacc	240
ncnatgcngg	catactgngc	ctgcgaccen	aaanacnnna	ngnntgtact	gaatatcaag	300
atcnacttag	antctaagag	agnntggnc	nnnaactgat	cancangggc	ttccangggg	360
cancannag	acactgcgag	tnacagagac	ngccatgggc	gntgctncct	tacnnagnn	420

cacagggccnn	accntcatgn	aaccctaang	ctgtncnnat	gtactccgaa	tggcctttna	480
nncgnaacngg	cctctaagtg	atgcnncccc	gtntcanatg	nnnccgtaca	atatctcang	540
ggacatggggg	antnatnnnc	ancennaacc	tttnanaaaa	ggcggcntta	centtacnnn	600
aaaaggatgg	cttnnngcta	atcaaaaanc	ntgtaaaccc	tnggcnatta	taaacccaag	660
acccggggaca	aanctngggg	taccnngtcc	aattnaaaact	ggcctnccnn	tcntgggtcnc	720
ccaaccaaag	tnaaacctan	ttngcagngg	gttataccgg	nanncnaatt	ggntncaacc	780
ccaacttngg	gaaaataatt	tttncnaaat	gentcnaten	aaccctgnct	tttnnanaaa	840
aaccagggct	ttttnnctng	gggaaccttn	aaneggggan	ttggccttnn	caaaaccacn	900
tnccncttta	ggtnnn					916

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4325

cnttnnttna	tgacccttgt	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagggaa	ccatgagaac	cgaagctaga	attgntattg	aattacttta	ttttctcttc	120
ccttattggg	tagagataca	tcattactgg	cctcaggggt	ttacccaaag	aaagggtatt	180
tttgagcaaa	taatgtgatt	tcctggctat	tttggtgggg	gcttaagatt	tttttttttc	240
aaatgcattt	ttagtcacta	aaaattaact	gtcgtaccat	ctagaactat	actgtccagt	300
accatagcct	ctagccgtat	gtagctattt	gtattaagat	taattgaaat	tttaaattcca	360
gttcctcagt	cacactagcc	actttctaag	tgctcagtag	ctctgtgtga	ccagcggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagaccata	480
aatatttcct	ataaagactg	tagaagtgtg	ttctggaggg	tttgctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggttttagac	attggatatt	600
ttaatgattg	tgtgtcta	tcatgggtgct	gncaactgag	ttatctagt	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaanagcc	ttttccctaa	attatccatt	tgtaatt			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4326

ntnnnttctn	aatccttggt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	ctgtgcagta	300
ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaatagaa	agctattttt	ttaaatgaat	540
ngaaattttt	catgatgcta	ctaatttgnc	actaaatctg	caaattggtca	ccctgaattt	600

```

cttctgacat tgggtgntatt tgcttatatt ccttataatt ttaaatagaag gcacagtgaag 660
atgaaaaattt tatactctat gnnctctggna atttntaaat ccttaacagc caaattttttt 720
gcctttaatt cttttanata tatactctcg agaaatcn 758

```

```

<210> 4327
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

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```

<400> 4327
ngtanantan naacntgggt ntcgctcttt ctgcaggatc cctcgattcg aattcggcac 60
gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaaat acatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct gggttaacca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aataactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaaat atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta ccgtgatccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

```

```

<210> 4328
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

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<400> 4328
ngtanantan naacntgggt ntcgctcttt ctgcaggatc cctcgattcg aattcggcac 60
gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaaat acatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct gggttaacca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aataactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaaat atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta ccgtgatccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

```

```

<210> 4329
<211> 746

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

<400> 4329
ttntttacct ttgctcttgn tcttttgcag gatccctcga ttcgaattcg gcacgagaga 60
agctcagctc ttcttgggtc ttgcttagact gcctagattc ccacagcaga caagggtgag 120
aatccattgc tgggaatcttg gtattgatga gttacagtga tgggaacatgt gcttggccac 180
aggcagggtcc agtcactgca aaagtgacca agccagcagg tcacccttaa cttcagaaac 240
aattattggt ggtgaactgt acttaaattg cagagaaacc tgtaagtaat ggaaggtaaa 300
gaaaaattac agaattgaaa ataataattt gggcaagcaa acaaattcac tgagaattcc 360
aaaagtatat taaaaaagaa gatagctatg agttcagatc tatcttattg gtctttaata 420
ttacaaccaa tccttaactt tccactataa aggaaggatt actagattga ttactttctg 480
ggtagataat ctggtaataa atgataggta aatcaaaaat tacttttatt taggagtttg 540
aattcttact ctcacacagac attttttttc tagggacgct tactaattaa atgnatttaa 600
gttgnttcta aggggtttttt gcctatatat ttatgactgn gttaatgagt antgaaatga 660
tgcggaaggc agcttcagga agaggaatnc agaacctgaa taatctatgg gttagaaaag 720
cttctctgaat atcaaaaattg gcngtt 746

<210> 4330
<211> 967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (967)
<223> n = A,T,C or G

<400> 4330
nnnnnnncann annnnnnnna ngnnnnncna ccannncnnn cnacnnagng nccccgctcc 60
aaagccggca annccgccgn cngcnnnnntc aaacctgca ngeggcacnn gnngnncccn 120
acgangcgcc agcgcgcgng anacngngct gccagaaan gngngcncan agnccggcct 180
ngagaacagn acagngganc gtcanaagca gngggangac agacgaenga ngaaacntag 240
agcccagggn nagecngacg acggaccagn tcccaaaggc ngnggcccaa agcngacnag 300
ntnnaggaag aaanacngng gacacaaccg gagacanccg annaggagcn gacnganntg 360
gacccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga 420
acggtcngag cagagnaaa acngaaacna ancaacgcgc acacannngn aganagaaac 480
accncnaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcncaagann 540
cggcannгаа ccnnaancn gacggaannc agggncggng ccaacaagan ggcnaagacn 600
ggncaannga nggccggcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacanggcaa 660
aagnaaacgg gcaaagggca ancncnaagg nnaagccna naacgcgcgn nnggagcaaa 720
angnnccaag ngaggancna aagangggga aaggggccca cnaagngggc ggnaaanngg 780
cgaannnaaa acanagggng ggggccacng gnaaaccaa gcgcgaaann ccnggcncna 840
agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncccat 900
cgngannaca naaggngaac cgnccaaggg ggcanaaagg aaaggccatn nnaangnaaa 960
agagccg 967

<210> 4331
<211> 824
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (824)
 <223> n = A,T,C or G

<400> 4331

gttagngtgn	ggtatnaaca	gctcttgtng	tttttgcgga	tcctctgatt	cgaattcggc	60
acgaggnac	nggtgaagcn	nntgttgngt	gngctnctca	tgaagaanct	gtggcnggta	120
tgttcaaaaga	canggnnat	atgcantaca	gatatataga	actcttcttg	aattnaccaa	180
cangggccgg	ntaatggggc	gnatgtcagn	caantgatnc	aactgcatgn	gggtgtctnn	240
tgcccaggnc	acttacagng	gnctggaaag	ccagtcannng	caangngtgg	ncncagcgcn	300
ggnttcngtg	ggtnaaccag	gcattggngctg	gntatnacgt	aatcttagnn	aggaacaatt	360
tnagtnactn	tnntctnat	tcncnngnga	gncctcttnc	angttngtga	gcatttntca	420
ataagaaaga	agnctggggg	acccatttng	cancattnan	ttcanggaaa	aatctngatt	480
taaaaaagtt	acctntgaac	tgtnnnntaa	ngcncnnttt	nnttgtagcn	tgtgataatn	540
gatgcgaact	tnactatatt	atcagcatgt	tctnannata	acnttttggg	tannatcngt	600
ttagnantga	ttcnttcatn	agcctaagaa	aacttaagnn	nnggcaaaat	gccggatcat	660
tgtcacaggc	acgttcacna	attnanccnc	nctcggtgac	aacntttctt	gntttttngg	720
aaanaaattc	cacagggngct	agnctannca	tngnttctnt	ggaaatttan	ctntaatggt	780
ttcggtanaa	ntcccgtttg	ngnggttttn	attaaaaaaa	nccg		824

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (830)
 <223> n = A,T,C or G

<400> 4332

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgtn	gngtcctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	ttaaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taattttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctca	gtgatectcc	tgccttggcc	tcccaaagtg	ctggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanacctaa	tagncaantc	ntnttaannc	ccnaatcnn	ttagnccnt	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4333

```

gnnnnnnnttt nnnnnnnnttt ccnannngnn nnnttcaaatt ttccnaatc gctngncttt      60
ttgcaggatc ccacgattc gcaccgctat cagaaaaata tcctgttcat gggtttatact      120
gaatttgcaa actactgata tgatttttca ataaccactt gtatcttcca tcatccatga      180
gaggtgggaa gaggtacact gtatctctgc aataaaactt tggccagggt ctacctctc      240
tgagcaaagg atacttttct atgtagggtg agatgggttct cctttactaa tctgacatgg      300
tgcattctgga gacaacatct gatgggatcc aaagacaact tgaaacaaag gtggatgtca      360
gctcttggtg tgttttcatt tggttctctt ttttaaactc cccttttggt atcgctcctg      420
ttgtagcgtg tccatcagtg tgtgaagggt gcgcctcgtt ccaatgatac tgcattgctg      480
catccagcct ttcgtgggag cacggtacca agcgtccgga attgattatc ccaatcattt      540
ttgatatgta actgaaaaat ttggtctcat gcaataaaaa tgtactggct gcatttttagc      600
aaggtttatt tactcttgca agtaaaaacg atcaaccgtg aagcgtaaca aattctgtat      660
ttagtttttt ttctgttggt gtggtttttg ttttggtttt tggtttgtaa gattctaaat      720
aaattaaatc gantnaaaaa aaaaaaaaaa aactcgagcc tttanaacta tn              772

```

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4334

```

gngnntttga aanccntggc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagactt aaacatgtca cctaaatgca cttgatgggt ttgaaatgtc caccttctta      120
aattttttaag atgaacttag ttctaaagaa gataacaggc caatcctgaa ggtactccct      180
gtttgctgca gaatgtcaga tattttggat gttgcataag agtoctatct gccccagtta      240
attcaacttt tgtctgcctg ttttgtggac tggctggctc tgttagaact ctgtccaaaa      300
agtgcattga atataacttg taaagcttcc cacaattgac aatatatatg catgtgttta      360
aaccaaatcc agaaagctta aacaatagag ctgcataata gtattttatta aagaatcaca      420
actgtaaaaa tgagaataac ttaaggattc tagtttagtt ttttgtaatt gcaaattata      480
ttntgtctgc tgatatatta gaataatttt taaatgtcat cttgaaatan aaatatgtat      540
tttaagcact cacgcaaagg taaatgcaca cgtttttaat gtgtgtgttg ctaatctttc      600
catangaatt gtnaacattg actgacaaat tacctataat ggatntgggt aatgacttat      660
gagcaactgg nttggccaga cagtataccc aaacttttat ataatatcag aagntatcac      720
cttgtagaaa                                729

```

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4335

```

tcggcctttc aaatnccttt tctatttcna atncttggct actttcactt tccgcannga      60
tccntcgnnt aaaggcagcc cccaagtccc agaaagctga ctcccctagc atcgactacg      120
cagagctgct gcngcacttt gagaaggctc agacaagcac ctggaagtgc ggcaccagcg      180
gagcgggctg ggggaccacc tggaccggag ggttgctctn tgacangcct ggcacggang      240
agggcccacc gagtggaccn tnaancacta cnggtcntna aacacntnec atgaggccat      300

```

```

atctactaac ttaggcccac ggtcagatat gatnatctgc aaacccatct tgaccttgag      360
tatgtgaagg ggtactgtac tttattcctg atacattttg gtttccatgt aggtgttgag      420
ctcctgggtt tctgtgtttg gatgatgaag atttggaacc ttccattcat aatccctttc      480
taagtgaaac ggagaggctg gcttggtgtg tccttggtat tccgaaagcc ctgggtttggg      540
gcccattgtt acactggctc tcagtctagt caggtgcaat gttcttgaan angtgggggac      600
ctaattatta ccanagtagc ancaagagag gaaacgttgt gaattaaagt attcaattaa      660
aaaggaaaca tgatttctac ctgaaaaaaa aaatggctgc nancggataa tngtntgncc      720
cntgntttnn anccggagnc cnnnnacccat                                     750

```

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4336

```

ggggncattt tgcnaaaant cccgcngttt ttncengtn nttgcnaaaa aanagncccn      60
tttgggggcn ccccntntt ttgccaaaaa natecnccc taggggccta acctatgggc      120
tgcnntatan gngggncagg gggagaancc ccgcnaaang cgnaangan ggangnaaan      180
naacgggggc acacacgcnc nagngggcag ngncnnnann ggggnagann ngnncaggga      240
ncagnggggg nngnncntnc cgancanana cngggngggg agaannncna gagggnaagn      300
ncaccncncg anaagngnga nagggnggna ncntgnanna cgacnanact nggngnggca      360
anccgnaann gagacganga nanaggngtn cnanggcgca aagnagnant acncgcncnn      420
nngatacagn aaaaaggann naaannnacn gcanganag agngananac nacaancntt      480
ggaggaagag acggaanacn gggagaggaa gggntnagna annaaaggca aggattaacc      540
tnacagaaat gaanaanccc nanncacngg ngncntctgc aagngaacca cttnaagcca      600
angtnaagca gntgcagctt gatagcctgc taccactgag agggactcag aagagtgtac      660
tncattgcaa tacttaaaca gcgccatctt gctgtggaag cctacagaaa actgnggatg      720
aacacaagaa aacgatggaa ttactgcaga gtgatatgaa tcagcacttc ntgaaggaga      780
ctcctgggaa gcaaccagan cattccggca ccttcagnca catcagnact tggcaataaa      840
acccacagng agaattggaa aacagatggg gnganagaac tggccctctg gaaaagacag      900
cttnggacaa ggtcaccaac ngaccagatc cnggnaaaaa atccaaggca taaaggaaa      960
aagannggtc caaatctcag gggatccaac c                                     991

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<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1188)

<223> n = A,T,C or G

<400> 4337

```

ccttaaaaaa ttggggccct ttggggccct tacttcnggg tagaatnctt tttntttggn      60
ccaggggaaa tcccccant tccgcnaana aancgggaaa atttgtgccg ggggccaacc      120
ggaagggaaa cnttcttggg ggncaccca aaggccccc agggnaagggt ttccaaattt      180
ngggtnttcc ctttttttnc naaagggccc aagggttccn attttttccc aatttaattc      240
ccaaaggccc ngntnnatnn tgnetangtn cgnnnnnnnn atntntnnan ngngggcggn      300
anattnnntc ntntntntnn tgcntntcnn nnntnnnnnt nntaanncnt tattnatntn      360
ntatncagcc ncnntanan nnantnctnn naatntntnt tntnttactc nncennattnn      420

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ntngtngtcn nctncnttta nntcatcata cnnatatcat ntaaanaang cntnnactnc      480
ntatnatccn ttngcatctt cantgttttn ttntcanct ncttgcntcn nntntacant      540
accantnntt aagctctttt tacnatgnaa tactcannaa gagntngagg ttggctgnan      600
tttanctttt taaantcntt gtccnntggg ctentgaact ttttnnannt tgttggccct      660
ttnactttta ctntnnatna natgggantn cgntnnaatc tntnttcata naatttttgt      720
acnnntaanc gttgatntta gnanaaacta cnaggnacct nnttttcant aggnntttat      780
tcctnttttn aaccnttnnt ttgatntntt cttaactatn ngcanancnt tacntnancn      840
tntcnntttg nntaaaatgn gnatnggnnn acnnnatan gacctnnag ctccnncatt      900
ttccttnaan anagencant tcnantattc tattnnaatc aatnntatca ntcgngcttg      960
ctcttttnan cnnancatan gatntncang gtatntntan gccnanntnc naactantnt     1020
gcactnact atcncancgn taataagacn tatanaangn tcntnnnatn naaccntttg     1080
nctnacantn atnttgtaga tannttcctc ncnananann nagnntnann ttatnatntt     1140
ncatatcann cnatanactn taataagtag tntataaant tncgnncg                      1188

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<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 4338

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gggggttttna ataccttgct ncttntnttt tatgcangat ncnntcgatt cgnatnncnc      60
gcgaagntgg cnnatgnga canggccngt tctgnatgan naatgnncat ctatntccct     120
cccaaanggg cgncccangg atatgtcttg ggatccnatt ncacccatga cgcctactnc     180
ntgctncttc ctctnntgct cnggtnttgg ncacaaatnn nnnngnancn tccnngncng     240
tccattggag atgtcgngna taaactgcnn tagatgtntn ctaacactgn tgnaaatgac     300
gagcatnctt atgagacgaa ggcntccnaa gcngtagntg cccangatnc gaggtangct     360
atgtggtctc ttatctaate tagaaatgaa aacgccctgt ntncacgca aanntanggn     420
acgnntgnac actngcttna acnnaanctt anatacaaca ggggaaggga aattgggggg     480
gaaaccattg acaggncctt tcanataggg nttaaantag aggaccacc gnttgtaatn     540
aacatgnnga ttnatttggg ggaatacggg tncaanaggt nccaggttnc acttggtttt     600
tttttaacct tatggccnan tanncggttc aatttggtt ttggggganc ccttttttnc     660
ttttgggaan attnggagcc cnctaattgn cgnggaanca ntttgtnggn tncecccaat     720
cntaatgggg acccctntna naaaacctcn ggggggtgga nccccntcct taaacccaan     780
nacgcttttn ttgggtttnc caanaaangc nnaccccccg gaaaacttnc ccttttngng     840
nnaatttctn caaccccccg gggnggaatt ttccctngng aaattggcaa ttcccngttt     900
naagggtgcc caaaaattcc ngnttttttg cccncaatac c                      941

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<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4339

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gngnggggnnn nnnnncatnt atacatacag gctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggc tcctggcatg aagaagatca agttagacac tccagaggaa     120
attgcacggt ggagggaaga aagaaggaaa aactatccaa ctctggccaa tattgaaagg     180

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aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaattggcaa	agatcagaag	tcttggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tacttggtatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggtccaccg	gaggcaaagt	cagatcctct	tgggtgtttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	ataaccaagg	480
aagtgcacc	agccctatgc	tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccag	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccaggtt	600
cttgatagca	gtgctcctaa	gagtcgaagt	caagatgtta	aagccaactg	ttagaaattt	660
ttcagaacca	agagtgcaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaaggaggaa	720
aaaaagattt	tcccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4340

angttggaaa	nccngncntt	tcaaatanct	aggctactcg	ttctttttgc	aggatatccca	60
tcgattcgaa	tncggcacga	ggncntttgg	ngtnggnnat	tnnncannaa	tnntnnacgg	120
acannncttc	gnattatgg	tgntcttggg	tgntngggnt	tgttggttaa	ccctacatca	180
taangcattn	aatgnattan	atnttgnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaacctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnntttnaa	300
ttccactgta	aatnntgacn	gattantncc	nantggnttn	tcnttggaga	aaatnnattt	360
tnactcnncn	gtctncacnt	tntatnaagc	gtattttatg	ctggcnggnc	cnccatanat	420
ctacnccctt	ttgatgcctn	tggnnanaaa	taatgttaan	tagtgcgcaa	antngntatt	480
gtnttngnga	caancntaaa	tnggccatta	nnggcntacn	atgcnnttat	gccacannac	540
cannncgna	nngnttttga	ttanggggan	gcattccnta	aacaaccng	cncnatgaac	600
tngaactngn	ttgggaattn	antnngggaa	tnaanttggc	gntnatgggt	gnngggnccg	660
cctttacccc	gnccacanaa	attccttgng	caatttnnnn	ctttaaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tntaancctt	ttttttgttt	gctntttang	gngtggccna	780
gatggcacia	ncnncnngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg	840
antgccaaat	ggnttttnnc	tttngcncn	aatantnttt	ttcttgggng		890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tnnccccctt	cnaatcnctt	ggctactngt	tcttttttgc	ggatcccctc	60
gattcgggag	aactgctcac	tcctttttcc	tccccataca	aactcaaagt	cccctgggcc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgtctc	gctggttgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	420

ttgtttctata	gcctgtgaaa	tggctagttg	atcatttttc	cacaaagaat	taggtgttaa	480
gagttttcct	tcaggcttta	cttaggagaa	tggactaagc	tgaaagggtg	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttccttctaa	ttggtttctt	aagccatctg	600
tcanggaaat	ggtaactttt	ggntttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattatct	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccttttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tcacagggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gacagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacagggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tggtgggagt	aggttgtngg	cttggaacaaa	540
atcaatccgn	gtgggaaaaa	tgtaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnnccct	taaaacttnt	cgngngccnt	nttaacgtta	aatcccgncn	tngntacgaa	720
tccttgggtt	gaattttngc	caaaccact	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1069)

<223> n = A,T,C or G

<400> 4343

gcncannac	angannnnnn	nnnnaanaaa	caaccnaaa	nnannngnac	cnannannna	60
nnnganngn	gnancagnag	gnnangngtn	anccgcnnng	aaaccctgcg	acccacganc	120
ggnggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaaacc	nncccaccan	canagagaga	nnggaagtga	240
cagcacannt	gganaagncn	aagaccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagncac	caccgnnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncngagg	angcaaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atnennnccn	ncnnacgaan	ggaaaacgagn	aanncagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgccc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780

ggcncgggnc	ncacnacgaa	gccccanaa	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaaccggg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcgngaca	cagnancnaa	nggcaacnan	1020
nngnaggcna	cccacgncan	ngnnangccn	nnagnacann	cgcnanncg		1069

<210> 4344

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (459)

<223> n = A,T,C or G

<400> 4344

ttgatccata	tanatacnnc	tanttntgca	ggatccctcg	attcgaattc	ggcacgagnc	60
ncatnccnac	cactactgat	gantatnntn	caaagagnga	tacnctntgn	ctnatgggnt	120
naacnctcnt	tatccaantg	ggnaaggaac	ttggcncggg	angacgcaga	tgtgtncacc	180
tcattntcaa	ggaaanctgt	gaancccttg	cctccttttn	cttgccctng	antgtntgtg	240
acnacancgg	acnctnnnnn	catcncnanc	ntgtagnnga	acggnantgg	aanatcngtg	300
cactcgtnta	tnnnacngng	agggaccatn	naccnaagnc	ancttagcaa	antggcttng	360
atgctgtggc	tgannancna	ctgcnggtgc	attcggacac	atttgcccat	nacnctgang	420
cncatttctg	nggggtcaag	ntcatnctga	tcttntgng			459

<210> 4345

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4345

tttnaacctt	tgcatttgan	ccctttgcag	gatccctcga	ttccaagnng	ncacnaggtn	60
ngctgnacnc	ttggctaagg	nnactgattc	tgngcncct	acccatgttc	atggngangnc	120
cgngcctnct	ctggccatnt	gccncaacga	ntattcntnn	cccnnaattg	ctnatntctt	180
gggatantag	nntanntgan	ngatttngca	agacnagaan	gtntctacnn	ntctgnccan	240
nacgtncgct	acttntnagg	ccttaacaaa	tcttggncat	gcattgggata	tatatcttcc	300
taangnaccn	catgncaggn	tccatnccat	tcattgaatg	ccaangatan	accagctnct	360
ggtncnnaag	nagtntnag	ncancntanc	aaagancenn	gggcccntgg	ngnttgacan	420
cattcatcgt	ggaggaacaa	tggannnagt	ctnactttcn	cnanncnann	ttctgattna	480
aggnttgtga	aagagtatta	catnancgtg	nanntcangg	ntgatntanc	ncanaaatgg	540
cancttttnc	ttgcatcnag	ggctctnggc	cctttntnca	taaaaannng	atctgaatag	600
gctttnttan	ttaccnncnn	cacaccnnat	gnantaanct	aaccctttgc	naangttagn	660
nncttttacc	acanaggten	ttacncaaaa	ntannnggtn	anaaccctng	ccanttttct	720
agattantnc	ccaacttang	ccctgncatn	cacttgatac	anggccctct	tattanaatg	780
aact						784

<210> 4346

<211> 887

<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(887)
<223> n = A,T,C or G

<400> 4346
caaaanccttt gccctttttc aaatcncttg gctactcggt cttttttgcag gatcccatcg 60
attcgntgct ggcactcagg cncnntgnat ggnaantgac ataatgtan cnanangcnc 120
tctgntgtat gagttgtgct tggtttgnc nagnaggaaa ctgngnnntn tataactacn 180
ccnangcctt ttggacaaca gctgggatcc aaccttgct nntngnnna ntgttctttt 240
cagnnccctn tgggntagac canaacantt ccttgtnaan ccnaacnngn caaaacntng 300
nancagggt nctgnnccca angtnntnn ttanngnccc cnnngnngna aacnntttca 360
acccttgnc tttggananaa ncttngggc cntnaaaatn nnttnnatan naccttnnt 420
ggggattcnt ttaattttcta ntnaaangtt ggtgggcccna ttttaacctn naaaatgnnt 480
ngcaatgnnn acttataacc cttanategn ttgncttaat tgaaancntt aacngtctaa 540
acnccctnag ctaaaactcc caatatcgnn ggtaacceng gngnatgnnt nggggccaat 600
ggnnntttca annnnnctnn aagatcctcn gnatnnnnag aaggatatnt nccnnttg 660
gantantct ctgnnttatt cnnncgaaaa agnaccttt gncctctnn nattgnaata 720
ttngcctngt nttaaaancg nngncccant tttgggggaa tatnnnttt ctngganana 780
aaaatggggc ccnctgggn tactttatat cnttntnnng aaaannccgn cnaanactct 840
ncatatgggt ggntcntttc atgacngcgg ggnttanttn ntccccg 887

<210> 4347
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 4347
tattenatct gctacttggt cttttttgcag gatcccatcg attcgagann aggangaang 60
acnctntgcn tggnacaggg ctntgnccct antctgaata tgtcattccn ncacggngan 120
cnnnagcctt tnnntctccc catntttggn aattactttc ttgangatgc tgcctttnaa 180
angcttcncg tacattatcc atntttaaaa aaatctntgg actggatcta ctgaagcgcc 240
nttgctntat taanntnagg gcctcnagca cctaaanntc tngaccatnn naagacattn 300
ntncatttna ctnccttgta taactaaata ctctntannn attctnnttn caatacngtg 360
ganggnaatg anaagcatnc taaanttggg tnaatntant tcnntnanna tgtnnngacna 420
aagaagaaaa tngcttgnt tcaggttcac nggcttggtc tgg 463

<210> 4348
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 4348
ttttnaatgc ttggctaactn gttctttctg caggatccca tcgattcgaa ttcggcacga 60
gccngtntnt nctaantnnn natgntnac ctgggnntgg tgggtgggng cntgcagnnc 120
canctactca gggngctgng gcatnanant ngcnngaacc caanngggtg nagttgctgn 180

natccgaggt	tgcacactng	nactccancc	tgncacana	tcgagactng	tcttataaaa	240
antaannnga	nnatgnnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnacnttna	tgcgatgnga	tccantgang	ttnaaccccn	ttccactnnn	tngnnaantc	360
ntnnnttaca	tncgtgtntc	cccaaaacat	ntcacgtaac	anttattcct	aggtgcagnc	420
tcnctatcnn	taggntcttg	gtnggccaaa	ttcctgggat	cangtgaagg	tgggctgtnt	480
cagtaanaan	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tncgtggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	taaattanat	600
ttcnggaaac	cnnccnaaa	gncttnatth	tcccnnnaca	aannttngng	ganncatttt	660
tanggggna	nnanaggngn	naagggtttc	ngttggnttn	gccntaant	tcccaaggnc	720
ntngaaaccc	ttatggggnn	accncattcn	ggataatttg	nnaan		765

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

gtcntctttg	aaancccttt	gctacttget	ctttctgnag	gnaggcatcc	catcgattcg	60
ccnacgcncn	gnngcaggc	gggttgetna	tgngcnctc	ttccgcttnc	ttgntnaatn	120
actntctgmn	ctngctcgnt	cngctgctgn	nancggaann	anctcnnct	aaggcgggtga	180
tncnnatata	cacagantna	ggggataacn	cnagacngaa	cntgtgatcg	aaaggccaac	240
agatngccta	naaccgtaaa	nangcanant	agcngnccta	tatccatang	ctngctgcnc	300
ntgactagca	tatcatanat	gtcactgtca	tgtnctntcn	tngaaaagnc	cgtnaggntt	360
nttatgatac	nnggcnnntt	cacttggann	ccanntcaag	cncncngctg	ttacaatgct	420
gnngctgaat	gnatacccg	ccnacntgnt	nnattaggna	acntgggatc	ncttctatnc	480
actgtnacnc	tcatgggggt	ttgggnaaat	gcccangnn	nngnccgna	ttccncccg	540
aagntttgng	gnatgttggt	gnngaccgna	aacccttgg	ncgttaccaa	ttggggggga	600
aanaaccttg	ttgggccttt	taaaccccg	ggtaaaaacc	ttnatagga	aatttttagga	660
gtttgnccan	atnccccggn	ggntnaaggc	cnnacccaat	tgtttaaatt	ccccccaacn	720
ttgncctttg	nnnnaanggn	ccttggtnaa	accgggggga	aattcccctt	ngaacancgn	780
antagggtng	ggcanggcnt	tttanaggga	ntcccctnga	aaagcggctg	gnnggtnaac	840
ntttcgggct	ttgggggttg	acangnantc	tncaaattng	ggaaatcntg	g	891

<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

ttntaannnn	ntncttnnna	nnnnntggga	ncttttnctn	ntccannna	tncnanntgc	60
nttnccggtt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggcttg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcctcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgtag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cggccgcctt	ctccccctc	360
ccagggatgc	tctttgtaaa	tatcgggatg	gtgtgggagt	gaggggtacc	tcccttcccc	420

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aagggttccag aggccctaag cnggatgggc tgcgtgaacc tcgaggaact ccaggacgag 480
gaggacatgg gacttgctg gacagtcagg gtctcctcta nctccccaat 540
tctgcctgcc tctccttcc nantgcact ttanccctag aangtggngg acctnanggg 600
gaanggacaa gggcaaggng ggcccatga aaaaaaagcc cctcnnttgn ccnacacttg 660
ncttgannnn ctngtcttct nctgggtggc ccanangntn ggnnttnncc aacccacact 720
gggatttntc tgcccnttgg gggngnact tggecccttt cctnggnttt tttgccnnca 780
cnngggcctt cnttgggaac ctttgtcacc ct 812
```

<210> 4351
<211> 938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(938)
<223> n = A,T,C or G

```
<400> 4351
ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn 60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn 120
tccgganatt tcggggccac cggaggggaa tttngtggna ccatgggggc gggttacaat 180
nananagggg taantnacca ttgggatggg taaaatnana aaggggccat caccattggg 240
acngttacat aaaagnnat cgctgnggca agccaccaaa caattcccat nanggaaatt 300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan 360
caccccggn cttnttggat naatganggc tggcggnngn ntggagnaaa anngacccan 420
nttaaantng gnnaccnnaa tgaaagggtt ggcnncngaa tgaacccccg taccctnaag 480
gccgttantc cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaactaa 540
tggcggaacc ttggccaacc taanntttta acngnncatn ggaccnaanc atnnaaancc 600
nggaacagnc ggaaaaanag gncgtganac tnnngataatg ncatcnggaa cnnctgacce 660
tgnntttccc tatgangggc aaaaaaaagg cctccnaagg gtnggaccen tttnattnnc 720
ccenttncca nccaacgnt tcatttcccc tcncaggggg nntcaaanan ggcctcnc 780
ncntgnaaaa cgacngtccc ctggggcctt ttccaataan atnnnccccc tttnttnacc 840
ccnnntaaa aanccgnggg ngaanaaaag tccccnaaaa aaatatccccc ccnnnnncn 900
tgncnacca ctnaatnctc aaatnaaaanc cntttcnc 938
```

<210> 4352
<211> 938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(938)
<223> n = A,T,C or G

```
<400> 4352
ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn 60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn 120
tccgganatt tcggggccac cggaggggaa tttngtggna ccatgggggc gggttacaat 180
nananagggg taantnacca ttgggatggg taaaatnana aaggggccat caccattggg 240
acngttacat aaaagnnat cgctgnggca agccaccaaa caattcccat nanggaaatt 300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan 360
caccccggn cttnttggat naatganggc tggcggnngn ntggagnaaa anngacccan 420
nttaaantng gnnaccnnaa tgaaagggtt ggcnncngaa tgaacccccg taccctnaag 480
gccgttantc cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaactaa 540
```

tggcggaccn	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaance	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnctgaccc	660
tgnnnttccc	tatgangggc	aaaaaaaaag	cctccnaagg	gtnggaccen	tttnattnnc	720
cccnttncga	nccaacgcnt	tcattncccc	tencaggggg	nttcaaanan	ggccntcncc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnnnccccc	tttnntnacc	840
ccnnnttaaa	aanccgnggg	ngaanaaaag	tccctnaaa	aaatatcccc	cccnncnncn	900
tgncnacca	ctnaatnctc	aatnaaaanc	cntttenc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nannnnnnnn	nnnnnnnnnn	nnnnngnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nncnangtgg	aaaancccg	ncccnnnnn	120
ngggnaccat	cnnngncggg	aanccgaagn	ggaaggngan	tnccggggn	cggangaaaa	180
ncanggggtg	tggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaa	gacacantat	gtaaaccnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aatnnagnt	tgaagaancg	ctttttttgc	tnctcagcaa	tggtatnnat	gaacaacaaa	360
aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgaggaac	aacaacaaa	420
acaaaaaaat	ggggggggat	tgatttantn	tccctgaca	agaaaaagaa	tnngatcttt	480
agggngcta	gcaacctggc	agactcactg	agggngaang	gaatngctg	aaaaaattcn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaa	599

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 4354

ttntaannnn	ntnctnnna	nnnnntggga	nctttnnctn	nctccannna	tnnannntgc	60
nttncggttt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggttg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaaggga	gagtcctcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cggccgcctt	ctcccccttc	360
ccagggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420
aaggttccag	aggccctaag	cnggatgggc	tcgtgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgctg	gacagtcagg	gttcaacttg	gctctctcta	nctccccaat	540
tctgcctgcc	tctccttcc	nanctgcact	ttanccctag	aangtggng	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
ncttgannnn	ctngcttctt	nctgggtggc	ccanangntn	ggnnntnncc	aacccccact	720
gggatttnt	tgcccnttgg	gggnngnact	tgggcccttt	cctnggnttt	tttgccnnca	780
cnnnggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (819)
<223> n = A,T,C or G

<400> 4355
gcttnaatgc ttntctaata cttggctatg cggatccctc gantcgaatt cggcacgagg 60
acctatcttg atctggatag taaagtgagg acttttaaaa agtttnttaa attactggga 120
gaaatcatgg agcacagatt caagactttt cancatttaa aaagggtggt ngnctttncn 180
angcaanttn tncctngcca ncttactatt tcanccgncc tatgnngaaa aaatcaantt 240
ttgccccatg antnanttan gnnccgttacn centcncnng gagctcnagg acctgcctgt 300
nangaccagg gctgggcctt gccaacccan ggcaatgttg gggccngagg ctgctgtgtc 360
tgnccaagct nctntcagag tccaattccc cangcctaca gcgctgtcag cttgcaccct 420
ggcattctca cagagctggc ttgnccaccc cantgggggg ctatannctc agagaccact 480
tcatectcnt ggaactnacc tcttttctaa taccntctt tggaaaaaag agcttgnccc 540
ntnctnnang caacactnng aagcttntgg gccntgggtg tgtaataatg gtcttnccat 600
tnccgttgaa acnncantgc centgggtgn tggtntcgtg cagntgtcgn tgaggnaacc 660
ttnggnattg cancttttan ggccccaa gn ntccaaangn atntncantg naancctncc 720
ctatacccn cancccnan ttnanntaaa attnncenna aaaaccctt naaatatana 780
aaaacncana aacttttgng ncttttanaa cttttngcg 819

<210> 4356
<211> 913
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (913)
<223> n = A,T,C or G

<400> 4356
cccngcggnn nncnncaeng ncnngccgcn gnancgnnen nngcgcgggn gcngncnnnn 60
nccnnnnnnn nngnnnnagt gcancnatna gctcccggcg gacncagnnc cagaccnng 120
nggncgaggg cgcngcngag gnaennnttg nntttcggtn tgncccnega gccgagngcc 180
ggggcanggc ggnnagcncc ggnccagngg ntgtgngcnc angngngngc nngcggncgn 240
gggcgcctg gtengcgcgg gnetaccnc ggnnggagg agattncng ngngcggncg 300
aggcacantg gggccggagn agnanggtgc gcgncagg gnaanacngg ctngtncgn 360
gnggcnnggc cntctgngcc aaggagnccc nccnccgag ngggcggnna tccnggccc 420
agccgnttac nagecnaat cnacnnngn cccagaggc cccggtccc nacntnggcc 480
cgaccggnng ggncccccgn ggggggaatt tcnnngaggc naanancggt nnggnaaccc 540
gnncgcccc tcaagagaac cggcncnnac nnccaacagg gccnaagngg ggctagttna 600
aacaanccc cagccccacc cggcggnang ggcncggnn gggngttacc ntatcngnc 660
cgnaagcccg gaancggaan ggggcnttg ncaaaaagcn anggtttnn ncccntntg 720
gccnnnang gcccncgng aaactngggg gggggnggn gnccccaagt atncgggna 780
agccctgnag gggggggann gtaacccttn nnnctcnta angaaacggg gggggcnnn 840
cccccccca aggggggggg nggnttnaag ggcgancca ncnacntnt gctcngggaa 900
nnaccccgcg cgg 913

<210> 4357
<211> 745

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

<400> 4357
tttctaaatg cttggcnact cgntctttct gcaggatccc tcgattcgaa ttcggcacga 60
ggataggcca cattccagta agaactcaat ttgtctccca aatttgcaga aacaaaacgt 120
gattttaaag ctgagctttt tatcagaagc ttttttgatg ttttaagtgt tatgtgactt 180
gttgaacttt ttaaaaagtg ctacttttaa aatcccagat actctgaatt ttagaaaaca 240
aactaattct gattgtgtcg tgcccaagtn cccttttttt ttaatgaata nggaccaatg 300
ccacattgct ttttatattt ctttcttttt taatgtngcc aaaacccaaa gtagctttgn 360
tttcctttgt attttgctac tttgcagtat ttgtgtgtgn ggttnttttt ccttaatttg 420
aaagggacag cactgtgtat gtttataaac taaatgaaga tnagatatta ttttgntaaa 480
cattcatctg agaacaatca angcagtagc ccatggngct ggctnctttg cagcannaaa 540
ccntgnacat tttgatgact gtacaacang gaagaacttt gaaaaaatca cgggtgggatt 600
catattaccc accggntntt catttcatgg gannctttct tgatcaaaaa aaagctnacn 660
tcgtaatnt nntnatattt cctttctgtt ntcntaanaa aatatngggg tgtttttggt 720
nccananaa ggnaattttt gcnnnt 745

<210> 4358
<211> 893
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (893)
<223> n = A,T,C or G

<400> 4358
nnnnaanaan annnncana nncannanng nnnccnncn nncannncnn nnnngntnann 60
nacgnaanac annnannnag nantccnncn nnnccgcncg cgnnnnnnnn ncagnnngcn 120
gnagncaenc tctttnaaat cncttgngc agntccatgc angnatacca cgcagcgga 180
ggacaccngg cgntgggngt cnngtagtnn ggncacaggn ngggncntat ggcaganaag 240
nacncagcan cnaccagag cgtaatgggn ggccganacn ggntggggng cacgatnact 300
gtnccaanaa agacggagaa ctggcagcaa ctgcangngg cgggtggntnn cnnncnacnac 360
nnattgcnag tcatagcggc tatgtgcana ttgactggaa gagagttgaa aaagangnan 420
ataaagcnaa aagacagant aagaaacgag cgaacaaagc ancaccngna ancaacacnn 480
taattganga agcaacagaa tngatcaagc agaacaatgn ganatccagn gggatntgng 540
gggaggctnn nagctcggac ntgcactna aggacaatga atattcnccc anaaacggat 600
ncaaactatg aanaacagaa gtgggcagcc antaaggcag nntctcaaaa gncatactcg 660
ccaggantct ctanggcaag gagaaacaac cnnngtggac aattantcaa ttccaaactn 720
tanccattat gccaanctgg aagcttggca aaactagnna tcngctngan aaaccaacct 780
atatggggca tgcggaaccc ngangnantn ccccgngcaa aaacgngggc tancaancga 840
ntnagcanaa aanatggcnn ncngtnnaag naaacctngc cctaanaaaa ccn 893

<210> 4359
<211> 1837
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nngnntgggg	ggnaaaaacc	cccccttttt	tttttngggg	60
gggacanaaa	gngancntnc	netcgngngn	cgngcngnnn	gcgngntgcc	tnanncggtg	120
gcncgntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgnggcgng	180
gggngngtnn	ngnngagnca	gtnangncng	cnagcnnnag	tgntnttttt	tngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngnn	ncgngngcgn	naggaggnng	gnggggctgg	nnccggcgng	gnnncgcgcn	360
cngtngccc	nnngttnncg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttggcgcca	ggngngncca	nngcanggna	ncngagtng	aganngggcg	gcggnaaagg	480
ngtggananc	nngtctngnn	gncggngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnngcgng	ngagnntgcn	cacgcagngn	nngggagcga	gngctggng	angtatganc	600
gngggcggn	ntgnnnggca	nnataggntn	nagtnggaca	ngcncnggtc	ngaggntnn	660
gttnatngct	cgntnnnatg	gtgnnnngca	nnangtcgag	ggncgcgcgc	tnnaggaaagt	720
gtgggggtgt	cncntntgt	nggggttang	nngagnnctn	nntnagagct	cgngggnng	780
ccnnnnagag	tcgcnncncg	aggtggnnnc	gacnggccac	gangtncacg	ngngtntggt	840
gnaagcatgt	nggncgtnac	gcacgtacg	cgntnngnng	ttgncggnac	gcncntnggg	900
gctcgancnt	nanngcgang	gannggggga	agggcgcgcg	nccacggtnt	ncnngactgg	960
ngtgngngag	gtctngtgcg	gtggggntag	tgngacntgc	agncnntnct	cagganagng	1020
gngggactgg	tagctnacag	ctnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncgngngnan	ggnggncgan	anantcntcg	cggntcntga	gacggagctn	gngagcgng	1140
gannggngng	agngnngaga	nntcgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgt	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcngc	1260
tntcggnngc	tntgacgtgt	ntntcggtnt	nggggggtngc	gtcngtggnn	ncngngtntn	1320
nnnaggcgcn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	ncgtgcngc	1380
cgagaggtna	gtngntntgc	nncgcagngt	ggngnagtga	ngggcggtgt	ngtgannngg	1440
ggtgttnccg	tnagnggcgn	gggacgtgnt	gnganntgcg	ngnnnaagca	cggagcgngn	1500
gnntcgcgcg	gcgagacngg	agattnnngn	gngaggcnc	ngcncncgg	aggtangcgg	1560
tcntngagga	gcnnngggta	tggtngcgca	ngcgtntttg	ngcgcntngt	gactgggagt	1620
ncgctntngc	gntagagtac	ananggaatg	tnatctntcn	ggnacgggat	gganacngnt	1680
ggnganagct	gcngnctcga	gggacanatg	gcgcgcggtc	ggagnagtg	ngngnagcgc	1740
ggacnggggt	ctgagacgcg	nnggtggggg	nnttnganan	gtannngcnt	gngngnggag	1800
nnngnntgat	gcnggggagcg	gngtatatna	tggngnt			1837

<210> 4360
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4360

gtnacncccn	gcnttttctaa	tgcttggcga	tcgnaactntn	tgcaggatgc	ccatcgatnn	60
gaatacngca	cgaggcgagt	caaantgtnt	ntgnnagcng	anctcctnnc	gggaccngng	120
ngcngngntg	ncnntgatgc	naggggtggtc	atgtnnnnca	ncaangccnt	ttttgntggc	180
cncncctttg	ntgaangang	gatgtggaag	aatgagcttg	atncttgtna	nntgccnaat	240
nngatggcca	anngattgta	tagacnctcc	catatgggtga	canaccaggt	ntcancttaa	300
ntgaatgtac	tcannnnnnc	ngncntcnn	nnntcnagnc	nccttncttn	gnactntann	360
nntctntatn	tttatganta	ccctantgt	ggtgcnnnct	tgagggggan	acanatecta	420
tgntcatncc	cngnnancta	cttttggnc	nccagatccc	catgnttttt	tccatgcnc	480

```

gncaacttgn atctnttaaa tacatagggg gtgnacgngn gtataantac naactcttct 540
nggggtgntgn nganaantnt gnccangcct gatntcanc tcanagtgtt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attggggctn aaaaaaaant tncgtcccgn 660
tttggaann tngntggnc cctttttntt ngnancaatc ccngaacctt ngntaaataa 720
ntanccctcn tttgaanata ntggannng cnccttnc ntcgtttttg gtcgcnggga 780
anaaaaaaag gntcntttt tcntngggat tntnttggg ggctcntngg cctttntttt 840
nn 842

```

```

<210> 4361
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (766)
<223> n = A,T,C or G

```

```

<400> 4361
gntttnnnc nnnnnntttt nnnagagccg gnnnnnnngnn nnttnanaat agncaggeta 60
cttgttcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atggttggta gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaggt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtatgg aggagagcag gcagccaatg 420
tgttggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctgttggaca tgtactgaaa attaacacat 720
gtngtanect taaaatttta gactttctcg acatgaggct ggtacn 766

```

```

<210> 4362
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

```

```

<400> 4362
tttgaanct ttgaaacct tttgcatttg aaacctttgc aannccgctt tttgcnggac 60
cccacgntt cgaattcngc ncnanggcaa ctttnnggaa ttcntacngt tgangactgc 120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct 240
atntancaaa actgantgnc aaaagtgcct tcngtccaca cacacaaant ctgcatgtnt 300
tggttggtgg ntctgtccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcnnngc nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcatgaaan gngggagngn tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg 720

```

agctnntaga cagaagaaca gtttgc

<210> 4363
<211> 900
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(900)
<223> n = A,T,C or G

<400> 4363
tcttacttttc tttttngaaa ccctttttacg caaggatccc atccgatttc gaattccggc 60
acgagcagag nagccctttc ccagnaaagc ctggacaccc gtgtctttat ttngnnagcn 120
cgtgctagtt gcttttaact ggccgacagg tggctggtat ttagccctg aattataagg 180
aaagatagga cagaataaca agcaaaaagg gtccgatggt ctcaccactc aacgctagge 240
gaaggctctca ccgttcggcg ataggcgata gtctcaccgc tcggcaattg tctcaccact 300
tggtgataag tgaangtccc ttcgtggtca ccaaaatgtg tncagaattg gtgggttctt 360
ggtctcactg acttcaacaa tgaanccacn gacactcgna gtgagtgtta cagttcttaa 420
aggcagcntg ttccggnagt ttngttcctt cctgattggt ccatatgttg tttcannan 480
ttccttctt tctngntnng gtccctnng tcttcgcctt gggctncaag ganatggaaa 540
ncctgcaaaa cccttttccc ggtnaaactg ntttaccagc ctcttttaaaa tttaggnccn 600
ccatttttgg ngangtttng ntttccnttt cccttccccn attngngggc ttcnctnng 660
gccttctcct tnggccntt ccanggtaat tnaaaaacct tnnnncagan ccttttccnn 720
acttgcnanc ttgttttnac aaaccttaat tnaaaaggcc ccttggtcng aaccccccaa 780
nnaagtggaa nccnnttnnc ccaaanaatt taatttngcn aaannaacca atanntaacc 840
canacnttn tcaccantn gttttcnaaa ggggtanccc ctaatccnnn atttgcnct 900

<210> 4364
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1565)
<223> n = A,T,C or G

<400> 4364
ttttnggnt annnganncg annnnnannc tcaacnnggg gggnaaaaac nccccacgg 60
nnagggccag ggggnaanc ccaaacnggg aaaacccggg aaaannnacg gggcnaacgg 120
tagggggngg gngggggccc cggnncnctg gggggggggc agaancaaan ncaagcanac 180
ngggtttttt ttttttttna naannnggnc cncnacaggg gcgngggaaa ngccacacgn 240
gggggggggn ggggnagtnt gtggtctgaa aaaaggncnn nggggggggg ggctactnaa 300
aagccangag cnacangann cnagnnaacn cgganacang ggnacanngc nnnanaggaa 360
nccnncnncn gagaaggccg gnanngecnc gagngnagnc gcncnacgag ncccaccngc 420
nccaaaacan cnnncnacca nnangnngnc nnnaaanaaan angaangcgc aaacanacnn 480
acgcaacgcn anananaann aaagnnngnc ngaancgnnc nncncnaacn ncnnacacna 540
ncgggnaaga nnganggnng nncacnaaca acnagngcan gngaganaaan ncagcannga 600
gnnnnagcng acncagnacc ncacnacaaa gncanagggg nccnacannc nanaaaaanna 660
nacgnaagnc ncanacacnc aagancnatn gaaaaacacn nccccaaanna ncaacaanna 720
ggataccac aagcaganna caccanncna nngccnacnn anacgccagc nangnnacaa 780
tagacacnac nagcgnnanc anaganaacn cncnngctna gnnccgaanaa nnannagnnc 840
aagacggacg ngaaancgac acaangnnnt ncacacaaaa ncncaggnag actagaggan 900
ncgancacng atacagacaa cacacagnac gcnnnggcacg agacaannna agnnnnngnaa 960

gacgcganac	anngacagna	nnncgcncan	cgangananna	cgngacacna	canagngnna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgncacgaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacn	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nnagaggnac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacngac	cnnagacang	agagngcacg	1260
acaaanacnc	gnnncgcagn	gacncncag	nacancgca	acacgacggn	gacnngagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnanngag	1440
aagnnnnccn	gcgcccacnn	nananngnna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacngna	gncnagagac	1560
agaat						1565

<210> 4365
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1052)
 <223> n = A,T,C or G

<400> 4365						
tnctgtgtgt	cccttgnnaa	tcnnnaaant	nncttgccat	cgannntng	cgacncggag	60
gcaccgactt	cangcnnggn	naacncnngn	ngangacnnt	ganngttttt	gacagcnnac	120
ngnganctng	ancacgtng	ggngcngna	gaaatgcacn	cncgcncnca	gnacgctnan	180
gnngntacnn	nacttgangn	anaagnnnaa	nnnacggccn	naacagaaaa	cgnnnnggtc	240
ngacgccant	ncaggcnngn	anananactg	anganagana	nannccnggg	acgntcnnnn	300
cangaanagn	nnnnggacat	gannacnnna	gnanaggcng	nnnannnnna	canaancgng	360
nnnanacnna	tnngcannna	gcnanngcnc	accttnnaca	cnaagnnaga	nnaaccgcgc	420
gngantngac	ccanancat	nanncnnnnn	gcttcactcn	nagngcanac	ntgnntaaga	480
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	540
cgcatacnta	nncacnanac	aggncggagc	agaagatcnc	tnannancna	nntnnatcnc	600
ncnnanaaca	tgccgntntn	nacccttnnn	gtcantntga	cacannanag	tacgataaat	660
gntccagacc	gatagagcna	nctctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	720
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	780
accantnnan	tgngtcgnnn	acaacngnng	nnnggnannn	tnngnaanng	annnccntat	840
gtnnnnncgc	cntcnnggaa	ntcgaaagct	ggncntngcn	nncgnnnggn	ncnanccnaa	900
nnannacnnn	gtnancngng	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	960
cgntnngntg	cnacaccagn	ggntnncnn	nngatnaanc	nantgangag	tcgcccgnan	1020
nnnncnann	nnnagcncnn	nannccnnnn	cc			1052

<210> 4366
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (714)
 <223> n = A,T,C or G

<400> 4366						
gntctctatt	nnaatcgctt	ggctactcgt	tctttctgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gtgtatccag	atctaagtaa	tctcagtga	ctatacattg	cctaaaaagt	120
ggttttgtaa	tgatttgtag	tcacatttct	attgggatat	gtagaagaaa	aggcaaaatg	180

cttaaagtct	cttttatttt	ttaaaagcag	ctagatagac	acagacttgc	cacctcatac	240
atctgtcct	tggcaacatc	aaggggaacg	actagccaac	atgcctatgg	ctaaaaactt	300
tcctttgcag	actaaagcac	tgcttggtgc	ttcgtttttc	tacccttcac	aacatgtgtg	360
atctcatcta	agagatatat	acatgtacac	atgccctttg	ttccacactg	gatacaagat	420
cactcatagc	taattaggac	cattgttttt	tgttcatctg	tcttggtgca	tgaagggaca	480
ttagacccat	ttccattaaa	ataagttctt	ggtgataaac	tgtggcactg	ctacttcttt	540
ttaaattccac	tttatgattt	caagatggac	acttgtaaga	tgactcgaca	taaggccatt	600
gcctggaagc	cccagagctt	tcctctgttt	gtatggcccg	ttcatgtccc	aggcattgca	660
acacaaactc	aagatttcac	cacaacatga	caagcatttt	cctactgata	ttag	714

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

gcctcacgct	nntgtacttt	ngttgctgtg	ttgctgtgct	gtgtgccnct	nngatntgac	60
nactacacnn	nnenaaggtg	ccngcctcc	tncnngatng	tngnaagnat	acttgacata	120
tgaggnngca	ttngnctcng	ccnangtgaa	anngattgga	ntnatncnna	tgcggggttg	180
gaaaanacnt	gnnggggnna	tatactgtga	cngtccgcca	cataaatcgg	tngccatattg	240
aactatngaa	ggctgggttaa	ngacntannc	tggtctacnan	atngctgatg	tanatgnncn	300
anntgngnna	catanatctg	gntgtcaacg	nataatnnnaa	tntcnnggna	cngngaactn	360
atnctggngt	gcncacagag	ctctcnngat	ttacttatca	ctatnanata	tggggtantg	420
cggaaactcta	ngcanntant	gcttcacntn	atnttgnaaa	ancatatggc	atnntcantt	480
tgcttgtaaaa	gcacttcatt	cttaactgct	cctnaggann	ggtnttcenc	ncaanggnat	540
ntnaaaaaanc	agntttgntt	ccttngntgg	cgnaccnant	nnttgngann	tcttccccag	600
ngnannanaa	ggttacttna	ggttccannc	ctctntntaa	nncnttataa	tgaatnnncn	660
ctnaaanaaa	annnaanntn	nctnt				685

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

tccttttcan	ttcactnnct	tttgttcttt	ttgcaggatc	ccatcgattc	ggtgggaact	60
ggctcaggct	ggattactct	tgctgtgtgc	ttgctgtntc	gtatgccact	gggatctgaa	120
cactaaacat	tgctaagaaa	cccaccacc	accaggatat	ttggaagtaa	cttcacatat	180
ggaaaagtta	aagactcagt	ctctgagaaa	acaattggac	tgatgcgaat	gcagttttgg	240
aaaaaaaactg	tggaagatat	atactgtgac	aatccaccac	atcagcctgt	ggcattgaa	300
ctatggaagg	ctgttaaaaag	acataatctg	actaaaagat	ggcttatgaa	aatcgtcgat	360
gaaagagaaa	aaaatctgga	tgacaaaagca	tatcgtaata	tcaaggaaact	ggaaaattat	420
gctgaaaaca	cacagagctc	tcttctttac	ttaacactag	aaatattggg	tataaaggat	480
cttcatgcag	atcatgctgc	aagtcattat	ggaaaagcac	aaggcattgt	cacttgcttg	540
agagcnacac	catatcatgg	ggagcnagaa	gaaaaggtgt	tccttcccat	ggatatttgt	600
atgctgcatg	gtgtttcaca	agangacttt	ttaccggagg	aaccaagntn	aaaatgtgag	660

agatgtaatt atatgacatt gccagtc aaa gccacttgc cctaaagcat gctagncctt 720

<210> 4369
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4369

ttanttnocat	cagctcttgt	tcttttttgc	ggatccctcg	attcgaattc	ggcacgaggt	60
tttnnttttt	tttttttttt	tttttttttn	gggttacggn	agcactttta	tttttcctta	120
cacaatgacg	tggtgctggg	gcctaattgt	ctcacataac	agtagaaaac	caaaatttgt	180
tgatcatntn	tcaaagaatc	gagaattgng	tacaaaaaaa	accttacata	aattaagaat	240
gaatacattt	acaggcgtaa	atgcaaaccg	cttccaaactn	aaagcaagta	acagcccacg	300
gtgttntggc	caaagacatn	agctaanaaa	ggaaactggg	tcctacggnt	tggactttnc	360
aaccttgaca	gaccgcgaag	acaaaacaac	tggttcttgc	cagcctctaa	agaaatccca	420
gaacactcag	ccctgacacg	ttaataccct	gcacagatca	naggctggtg	gccacagac	480
tcaccaagcc	acagacttgt	ntttcacaag	caggttntta	ccttagccac	gaagtgccaa	540
gccacacgtt	ctaaagggtg	aactcaaaga	tatgtacagg	gtnttaaaca	aatccaaggg	600
gaacagttaa	cttcaatata	aggncaaaat	cagcacaagg	tntacaatnc	agngctgatt	660
taaatacaag	ctttaanggc	aatttntttt	tgaangnttt	ttccatttcg	ngaggntngc	720
catgangngg	gtgcattttg	ncnnggggca	aatttntntt	ttcaattaan	ccatgccaga	780
aaangctccn	catttgntgg	gtccggtt				808

<210> 4370
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4370

ggntttttaag	atcagctact	tggtcttttt	gcaggatccc	atcgattcgc	cagtcctatgg	60
gcaattggca	gatcaagcgc	cagaatggag	atgatccctt	gctgacttac	cggttcccac	120
caaagtccac	cctgaaggct	gggcangtgg	tgacgatctg	ggctgnagga	gctggggcca	180
cccacagccc	ccctaccgac	ctggtgtgga	aggcacagaa	cacctgnggc	tgcggggaaca	240
gcctgcgtac	ggctctcatc	aactccactg	gggaagaagt	ggccatgctc	aagctggtgc	300
gctcagtgc	tgtnngtgag	gacgacgagg	atgaggatgg	agatgacctg	ctccatcacc	360
accacggctc	ccactgcagc	agctcggggg	accccgctga	gtacaacctg	cgctcgcgca	420
ccgtgctgtg	cgggacctgc	gggcagnctg	ccgacaaggc	atctgccagc	ggctcaggag	480
cccaagggtg	gcggaacccat	ctcctctggc	tcttctgcct	tcagtgtcac	ggtcacttcg	540
canctaccgc	antgtggggg	gcanatgggg	gtngcagctn	cgggacaatc	tggttacccg	600
tctactctg	gcaactccag	cccngaaccc	aacccccana	actgcagcat	catgttaatc	660
tgggacctgn	caggcagggg	tgggggtgan	ncannanann	tnnnangnaa	atttnncttt	720
taaant						726

<210> 4371
 <211> 767
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4371

tggggggtttt	atanncagct	cttggctttt	gcngttnnag	aganngctac	tngnnctnna	60
gnogagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgnetgcccc	ttccaggctc	acatcatttt	atttcttttt	tctttgtctg	gtgggtttttt	180
ntttttgagg	caggagaatt	gcttgaaccc	aagaggcgga	ggttgtgggtg	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaaactt	300
gcacntgatn	aaaaanggtt	ttcatgacnn	agcatgenca	ttnnctggcg	gacattttccn	360
gaancagacc	ctgttantcc	ttnnacttac	ctgctggatt	tttnaagcgc	taaattttata	420
acttntttga	aacaannact	ngtgtaattt	tnccatttgg	gggcaaaactn	tattcntgtg	480
ancattattt	aatcttggnt	gtnaatntat	tganancccc	ttaatanntg	caatgggtca	540
aganaagctg	ccacggngtn	atnatectct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntggtttnac	ntgtntgagg	tggggccaat	aaatgnatnc	ttcaagcnnng	660
ncaaaaaaaaa	ncccnngatt	ttgattcnna	nngggnacnt	ggnggtttnc	tgactttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaaanaaa	cgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtcctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctcaa	gtgatccctc	tgccttggcc	tcccaaagtg	ctggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccttaa	tagncaantc	ntnttaannc	cccnaatcnn	ttagnccntt	ccaatttggc	720
cnanaagnta	anancnccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 4373

gtnttttcaa	anntnaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggctctg	agtttttttt	tttttttttt	tttgaggag	ataaaccaat	tttatgtcta	120
tcattgtata	caaaaatcta	gaaataatag	atttgtacag	aaaaaatga	taataaatga	180
gaacacaaaa	catataat	aaatttggt	ttttttccc	catgatatta	ggatgataat	240
catttcaaag	cacatgtcta	gcttcagagt	aggatttggt	cactggccaa	agcctgccat	300
gaaactatgg	ctttcagcat	ctgtctgctc	tactggctct	tgacaaaact	cttgaggnet	360
tcaagaaaag	taatgtactc	ctggtgctcc	agggtgctgc	tgagctccac	cagctcatct	420
gcaaaagtgt	tgtccacccc	tgggtcggca	aggaaatcca	ttangtggtc	atataaggcc	480
cagtccaagg	aatctgtgtt	gagtgtataa	ttagtatcct	tccattcaga	ctcgccagt	540
gactgaaagc	taacttcctt	gatagagaag	atgtcctctc	agcctcgctt	cttgtccacc	600
tcattctctg	gataatgacc	gtccacacaa	gggccctttt	gccatcatca	ttctttataa	660
cttcaccccc	gaaatttggg	aagttgatgt	cagttcaggc	tcctgnnctt	caaccttctg	720
gccttgncga	ngg					733

<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

tcacagtttt	ttntccccg	aancgttnga	aaattcctgc	aggatcccat	cgattcgggtg	60
gaactggctc	aggctggatt	actcttgctg	ctgtcttgct	gttctgnatg	ccactgggat	120
ctgaacacta	aacattgcta	agaaacccac	ccaccaccag	gatntttgga	agtaactgca	180
catatggaaa	agtaaaagac	tcantctctg	agaaaacaat	aggactgatg	cgaatgcagn	240
natggaaana	aactgtgnaa	gatataact	gtgacaatcc	accacatcag	cctgaggcca	300
tngcactatg	gaaggctgnt	aaaagacata	atctgactaa	aacgatggct	ttntgaaaat	360
cgctcnnatta	aanggaanaa	ananantctn	ggatgacaaa	ancatatacgt	aattatcaan	420
ggaactggaa	aanttatgct	gaaaacacac	aganctntct	tctttactta	acactagaaa	480
tatanggtat	aaaggatctt	catgcanatc	atgctgcaag	ccatattgca	aaagnacaag	540
gcnttgteac	ttgcttggan	agcaacncca	tattcatgng	nagncanaat	taaaggggct	600
ncnttcna	tggaatatc	cgtatgctcc	nattggggct	tncncaatga	angacntttt	660
tntncnggat	gnaaccanc	tatnnnaann	tggtntacaa	cannntatat	nnttttnnaac	720
ntttnncccn	nccanancn	acncttgge	cnctctaaaa	agnantgctt	ctngtcccc	779

<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

annaaancac	acnnncacac	ncaanaaana	canncanana	nncnannaaa	cacaanacna	60
accnncnnnn	cncncnacaa	acnnncacan	ncnncancnc	ncncaannng	cgngcttcaa	120
cnnatggnaa	gccctnggcn	acacgnanna	acagcncgna	ancnacgcna	cgncncnann	180

cngannnaan	acacccanan	nacacgagag	agnnancnaa	cacnannana	cnnacccgcn	240
ccnanaaaanc	nggncnnga	cgangccgac	gnacacanc	acaaaacncg	acaaccccna	300
acaaaangca	aaacgcgnaa	agancnang	acnannaana	agncgccang	anancaacna	360
gnacacacgg	acnaaccnngn	accngcanac	ancnnnccac	aaaccncgag	agcnaccccn	420
acgcagcanc	ncnnccgcaa	anngnnannc	nacacnccna	gccccagann	angaacccag	480
cancnnaan	cannnngcnc	nacgaacaac	aacnnanana	nnaacccccca	gacncacaca	540
accagnnncc	nacnganac	gncnaccnc	accncacngg	aacaananaa	ccaggccncn	600
aanagcgnaa	acaacccaaa	aagnaccccc	ccncanacan	caacagnana	cacacacccn	660
cncgggacaa	ncanacncac	nnaggaaaac	cccaannggn	gncaaatnan	anccccaca	720
acacagcacc	aaaangccaa	ncnccaaaac	aaggcgnaac	nacnncagcc	gcgacgacac	780
aaacaccacn	naancnnaan	cannnnncag	ggncaaaacan	ngcaaaanng	nnggcgacac	840
actanancng	ngacacccca	ananaatnag	ccccanggan	cgacacanna	acagcgagcc	900
gaanccggna	aanaaacgna	aaaaccnggc	ncaccnacca	ggcacnaccn	caacaccacn	960
gcaaaaaacc	ancnccnnaa	tcnaaacacc	ccaagaanng	ncacacacng	nncacaaaang	1020
naccncnna	anaagggcc	anngccccc	gaacccccca	cancnnnncc	ncangaanaa	1080
naggncnna	cncanggccn	acnncaanga	cacacnacc	caagaannca	ccacagcnag	1140
anaancanca	ccccancann	gaanc				1165

<210> 4376

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4376

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgtttaatt	cactttat	ttcttgtata	aaaaccctat	120
gttgtagcca	cagctggagc	ctgagtcg	tgacaggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagagggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatacaagg	tggccttggc	gaagttgccc	300
aggggtggcan	tgcagccccg	ggctgaggtg	tancagtc	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttggccag	gatgatggcc	540
ccacngatgg	cgggtggnac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttnccnat	aggnttctntg	660
ccccntgna	cangctttna	caaaaaatct	gnnttttatt	tanaaggtgg	gnnaaccccc	720
ccnng						725

<210> 4377

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4377

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgtttaatt	cactttat	ttcttgtata	aaaaccctat	120

```

gtttagacca cagctggagc ctgagtcgcg tgcacggaga ctctggtgtg ggtcttgacg 180
aggtggtcag tgaactcctg atagggagac ttggtgaata cagtctcctt ccagaggteg 240
ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc 300
aggggtggcan tgcagccccg ggctgaggtg tancagtcac ngataaccagc catcatgagc 360
agcttcttag gcacaggtgc ggagacgatg ccagtgcacc tgggtgcagg gatgaggcgt 420
accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg nttgccgatc 480
ttgttcccc agtagcctct gcgcacgggg acgatggaga gcttggccag gatgatggcc 540
ccacngatgg cggtggnacac ctcttgggag ccacttaaca cccanaccga cttnggccaa 600
aanggcctta aaccggtaaa aaggccnctt tnnttgccgt ttttncnat aggnntctntg 660
ccccntgna cangctttna caaaaaatct gnnntttatt tanaagggtg gnnaaccccc 720
ccnng 725

```

```

<210> 4378
<211> 1050
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1050)
<223> n = A,T,C or G

```

```

<400> 4378
nngnnncccn nnnnnannna cgnngcgccn acncncggnn gnangcgccc cncgcaccc 60
ganangnacn cnnncagngg cntncnncan angacggngg nnnnnncaca nnaacnccg 120
nacgnngncn ccgangnnnn gccgnncng cnnncncgg ngccccnttn gaaacnctng 180
ggaaatccga cacncnctc gngancagcc anaccnnac cgnccgggga ngcnaaaanc 240
nncacggcan ngngncgngn anacnancnc ggnnncgcn ggncngaca cgnacgncgc 300
ccncngncc cngncggcgn cangngaaag ggngccgngg ccngncggn cnaacncgc 360
cagnnanncc ngnncgcnng caengnnccc ngccgcncc nncgtcncc acncncgcg 420
nnancngcn cggncagntn cgcagagcna ngcccgcgaa gaaaaccgcn ngcgngngcg 480
cccacngggc acnacgccag cncncnngc ntagnggnca nacnnanccg ngcgngngng 540
ncnnncannn gacanangcg caccacggcg gcnagggcna ggacgaanng gcgacccngc 600
gagccnanga nnanccggna tngccanaac cncaacggcn ncngnnacgc gnnacnggg 660
cnaatncaat cgnnganan gacacancag nagegcctgc nncgcnnan ncgnaact 720
cacacnncac cngnggccct caagngagcc gccantngcg ngnnncaaag cangcanng 780
accatanng naacaggcac aanggcantc gcacnanggc nncngggann caccnata 840
gcnacggggg agcangaacc aagggggcgn cccgtccca nggcnaagt cggncaggct 900
gcacnggncg gncncannaa gacggnacnn nngnncacc ggagggaacc accgncncnc 960
acnggggggn ncnanggncc ccacagggna cngnncccn nccccnagn cccncanggg 1020
naccgnaaang gnaaggcgt gggggccccg 1050

```

```

<210> 4379
<211> 731
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

```

```

<400> 4379
tntcaatnct nggctctcgt tcttttgag gatccctcga ttcgaattcg gcacgaggt 60
ttcagcttgg ctggagcaga ggcaggagt gggaaactgg gacnggtgan actagaggt 120
ggcngaaacc agccatagta gtttttgcc catttgaca acaaggagcc atccaagaga 180

```

gagcgggtgaa	gctgatgggtg	acacagccat	ggcgcatgga	aataccccca	gtggctgtgt	240
tgtaggggtat	attggggttgg	ggaggggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaag	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggccccagt	ccttaataaa	420
ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagtctg	ctggacatgg	480
gagatggaat	agaagttgat	ctcggtgtgg	tcanaggaga	gcagtttctg	tggtgagcat	540
ggatagcctg	cgntccccaa	gagaangagt	tccagctgnc	ttgtaataag	ccaangcnaa	600
ttatggngna	gateccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaacttntn	720
tttaacnnttt	c					731

<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4380

tntcaatnct	nggctctcgt	tcttttgcag	gateccctcga	ttcgaattcg	gcacgaggta	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactggg	gaenggtgan	actagagggt	120
ggcngaaacc	agccatagta	gtttttgcct	catttggaca	acaaggagcc	atccaagaga	180
gagcgggtgaa	gctgatgggtg	acacagccat	ggcgcatgga	aataccccca	gtggctgtgt	240
tgtaggggtat	attggggttgg	ggaggggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaag	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggccccagt	ccttaataaa	420
ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagtctg	ctggacatgg	480
gagatggaat	agaagttgat	ctcggtgtgg	tcanaggaga	gcagtttctg	tggtgagcat	540
ggatagcctg	cgntccccaa	gagaangagt	tccagctgnc	ttgtaataag	ccaangcnaa	600
ttatggngna	gateccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaacttntn	720
tttaacnnttt	c					731

<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4381

cnttctnna	nnnatnttcg	aagnnncnnn	nnnctntntna	gttnncnnnn	ntcngttct	60
aatgcttggc	tancnnggcg	ctcnaacgc	ctttcaaacc	nagctctngn	tcttttgcag	120
gncccatcgn	tcgaatcggc	acgaggctgn	ttcctcaaga	aaatgaagag	ggnaggatgg	180
ctcagggaaa	gttnatcaga	gggnaaatgt	cactctgtaa	agagtaaaaa	atttaggatg	240
atgatncnga	tctgggaaaa	aaaggcatag	tgaagaccac	ttaaaaacaa	acaataaaaac	300
ctatgaaggt	gcatgctatt	tcccanagc	taaaaagata	agtgaattg	tgttttgaac	360
tcttaagtgg	aggtgaagca	caatttatta	gccaccaacc	acataagtga	ttatgaagta	420
actgagaaac	aggtnacatt	ttttcccaca	tggacaaaac	tttctctttc	tagaatatta	480
agtatctatg	atnagaaatg	aagtagcatc	tcaagcagtt	tataaatcta	ccagaatatt	540

```

agaatcacct gggacctttg aacgtactca tgcccnatng nctacctnta ttcatttntt      600
tttttcgraa gatattgggg acttcaactt cnggncttaa aangatccnt cccacctccg      660
gccctcctaa aagttgt nag ggattntcaa ggccntgagc ccncntgtgg gcncgtgccct      720
tctnatggtc ntgcttttng acccaattta natnnaatca tcttgngngg ttggnnccnc      780
tgggcctnta aagnatnttt taaaaanttn tccnaanggg gncnactnaa tttcttatcc      840
tatcgatttg tnnanccnc nggectaatn ccttgnnnat ctctttncct      890

```

```

<210> 4382
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4382
gggggtanga nccctttgan accnattgct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgaggaagg atccagcatt cggaggcaaa catgaagctc catcctctcc      120
aatttcgggg caaccatgtg gagatgatca aaatgcttca ccttcaaaac tctcaaaggg      180
aagagttaat acagagtatg gatcgtgtag atcgagaaat tgcaaaagta gaacagcaga      240
tccttaaaact gaaaaagaaa caacaacagc ttgaagaaga ggcagctaaa cctcctgagc      300
ctgagaagcc cgtgtccct cctcctgtgg agcagaaaaca ccgcagtatt gtccaaatta      360
tttatgatga gaatcggaag aaagcagaag aagctcataa aatttttgaa ggtcttggcc      420
aaaagttgaa ctgccactgt ataaccagcc atcagatacc aaggtgtcca tgagaacatc      480
aagacaaacc aggtgatgag gaaaaaactc attttatttt ttaaaagaag gaaatcatgc      540
cagaaaacaa agggaaccaa aaaaatctgg ccaccgttat tgatcagctc atgggangca      600
ttgggaagaa aaaaagtggg ncagaanttg aaaaataatc cttcnggagg gaaaagctta      660
aaggaaagcc aaancaagg gggaattnct tttgnaaaag ccagtttttc cagaaaantt      720
cggaaaaacc nanggaggaa ccagccangg aaaaagattt ttcanccega aatttggggc      780
cannaangg                                     789

```

```

<210> 4383
<211> 1266
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1266)
<223> n = A,T,C or G

```

```

<400> 4383
angntttncn cccctttttt tntgaaaaac cccccctttt cgnanaactn cccngtctn      60
cctgatnntn gcgangnnnt acgcccata gggatttctg taattnnngg cctaccggca      120
gnagangatt atngntatag naaaantttg tggattgtgn tctcntgtca tccgnetggc      180
ncannnatct gtnganaanc ncnnnnntnt tgggttacat nccanntctn agttnaacgc      240
tgtaaatent ngagatnncg tgnagnacgac ancngcctct ncatggctc nnatnacttc      300
naccanaana tagtatangn ngcnnntttg agcagncccc cnatcntncn acgacnante      360
gctaanange ttctacgatt cnntttttgt nnnactngtn cctttannat cctnnncnnn      420
taangccnan ttgtngnana ctancgcact ntgcaaaatn gntantntt ctaactttna      480
taaaatgnaa gtgcnaatac ngntttcann nttannnnat anaaaaagga antngantcn      540
tgtntctncc cctttcangt anangnncnc ctagnnngat tcnntnngtn anntattctt      600
atancgcgng gtagaaange ctactttgtg ngatannattt ctcttctatt natnnngttc      660
ctctgtnta cntnnntgaa ncnnntttagn angaaggacn gnanaaacan naccnacngc      720

```

```

nnnaggntnt tnnngentan aatanngant acttctnang nccnnttcac tttcnatagn      780
aaccctccgt ntgtgagnc tttctanttc tnatacnaat actctttnga tncgccacan      840
ttntnnntan ntntnnnntt tntnagtnn atgttnnncc agcannttct cnntnccctt      900
ctnnnacnaa ntntgnaaan nngctttctt nnnnacntag tngnannnat caancctnt      960
ncnctgtgcg tcntnanata ttncnnntct tantcnnnnc ncntanateg nggcntanat     1020
accnactnan ntataatatg ngnnctngtc gntnatttnc aggcattctc tngntnctnt     1080
ntcttatenc cntcgtntcg tgtncnngct agnnntanta ntancgtnan ncatntcagt     1140
atacnntctn tcntgtgngn gcatacncta nnaatntact gntnctcacn ngcntgacnt     1200
acgntangan tngaanggag tgcccgnnnn tgcnatnta tctncgcac cnttaccnac     1260
tntnncn

```

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

```

aggggtnnnn nnnnnntttt gaaaggcggt nnnannnntt nnaatatna gctacttggt      60
ctttttgcag gatcccatcg attcgaattc nncncgagcn gggncgnang nagccatggt      120
gccagccgn aatggcatgg ncttgaancc ccacttccac agngnctngc agcngcncnt      180
ggcnnctgg ctcaacnagt cgnctcctgga agaatccgna nacgtatggg cnggacaagt      240
cnaggcgcac cgcattgatt gacacgccnn ntgtcgggat cccatgnggg tcattttgcn      300
catgncncan ggttcgntgc nacacanagg tgctcagccg agcnnnggat tagnctggag      360
gagcttaggg tgnccggntt tcacannann gtggctcggg ccattgncnt ttgtgtngat      420
nngnagaggc anatacngc canngnttcn ctgcatgcca acgtgcagcg gntgaaagan      480
tccgattcan actgatnctc ttncncncca agnnttcngt noctanaacg gagacanttn      540
tgnttaaaga actgatactt gtcannncgc tggaccggan cgnttatgcn cttcctggaa      600
cgtntnnnnn aagganaaaa ctntaattaa tactttggga anagaanaat ttanagcct      660
tcnatangtt tcganttggt ccgtgccaan nggcccgggt tttttnacct nactnnccaa      720
nanganccca aggaagccc ttncacang gatngtnaaa agaanaanat taancncnt      780
ncntg

```

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

```

nnnnnncann annnnnnnna ngnnnnncna ccannncnnn cnacnnagng nccccgctcc      60
aaagccggca annccgcgcn cngcnnnnntc aaaccntgca ngcggcacnn gnnngncccn      120
acgagcggcc agcgcgcgng anacngngct gccaaagaaan gngngcncan agnccggcct      180
ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaacntag      240
agcccagggn naccgngacg acggaccagn tcccaaaggc ngnggccaa agcngacnag      300
ntnnaggaag aaanacngng gacacaaccg gagacanccg annaggagcn gacnganntg      360
gacccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga      420
acggtcngag cacgagnaana acnggaacna ancaacgcgc acacanngng aganagaaac      480

```

accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncaagann	540
cggcanngaa	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaannga	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaacgg	gcaaagggca	ancncnaagg	nnaagcccn	naacgcgc	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aaggggccca	cnaagngggc	ggnaannngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggcccgga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggngcccat	900
cngannaca	naaggngaac	cgnccaaggg	ggcanaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4386

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1118)

<223> n = A,T,C or G

<400> 4386

tnggctttna	atncccttttc	nattccaatg	cttggnnact	ttcaacacga	tcccatcgat	60
tccgaattcc	gggcacgaag	caggagctgt	gatctgcccc	caggtattct	gacccccaaa	120
ctggctctca	acccatgttt	acatggatgg	aaaanggaan	agggtgactg	gtngtatcaa	180
gctcttaaa	ggccttactt	ttgggtggaa	aatggggacc	ctaaaaattt	ganttggctt	240
acttggantt	nccttntctg	tcaattactg	gaaaaatttg	ggcaccttca	nttaanttta	300
aatncttttt	ggaaactttt	taccattaaa	ccttggnncc	tttaaaannnt	anntatttng	360
nccaattgna	ngaaantntt	atctcttnna	ttattcatta	aaaatantnt	tnccnnnagt	420
ctccnatctc	ttttgntaat	aagngncccg	gnatnctcaa	ntntacnata	tgttnnaagtn	480
ntnagtcttn	acanccagat	tntnttnttn	anttataant	tgntnananc	gnttnannta	540
nnntatnngn	naacttctnta	ctgggtccaan	gnntgtngga	atgttcanan	ttaactantg	600
nantnttnga	aantacaact	nggtntntanc	aaancntcgg	nannngtggn	canttatncn	660
nnngnanaat	gnnaaatggn	gnantcgcan	gnttccnang	nntctananc	cnnaatctc	720
nangcgnann	canttcnatn	ncggttacct	ccnatnagtn	acctcncgna	ngntatatgn	780
agncatgntc	ttntgttagc	aattgaannc	atcnnnncnat	cnagantcca	natantaatc	840
ttnncgntaa	ncncgcttna	nngacgcntt	gntatcccn	tcgngatggt	atatntacat	900
nnatacannn	tgnntganaa	aatacngtnc	ngntcnngga	naatctnagc	tggtnctcac	960
agnatcntan	cgtgnaatna	ccntanattg	tncccccncg	cggngtgctc	canantcgcc	1020
nntagagcnt	catntcnngn	nattngacgg	taatnctgat	atnttntctc	acncagattn	1080
cnnctaataa	aagngnnnta	ttttagataa	tgacnccg			1118

<210> 4387

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgcccttttaa	gctncttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgagac	60
tctggcacag	ccagagtcac	tggtctttca	agcagtcatt	catatcagcg	ggntgccatt	120
nctgnttttg	agcactagnn	naaaatagct	gcactatccg	gngcgnntat	ncnaagctgc	180
ncgcnnngng	cttgcnttct	tgngggngnt	ttntttgnaa	atntcaaaag	tttctaatac	240

tnatgccnct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gatccngngt	300
tccccnttca	atcacgattt	gtnggnnnntc	acncgattta	tntttacnan	gacacaggnt	360
tattgancng	ttangttntt	aacatctngn	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccctncn	ngnggngccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

tncccttng	aaatcncctt	ggatnttgct	ttcnaatnnc	tggtctcttgn	tctttgngca	60
ngaatecnnc	acgagggann	gctgtcngan	antctgtnt	anacggnaan	ncctgaatt	120
nancatcnac	agtgtntntc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggaggt	180
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	240
ataggatact	ttntntgtat	ggtgtaaatg	gttctnctnt	actaatcnga	nnnggannat	300
annnatacaa	cntnttangg	gatccntann	canntnggaa	cagcngtnga	tgncnccttt	360
nggaggggtat	tcatntnnca	ntcntgatna	aanntnecctn	attntntntn	ctactgange	420
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtncca	atgatnctgc	antgctgnat	480
ncagccctttt	ctgggagcac	cgttccaagc	gttcgggaat	tgattatccc	natcatttnt	540
ganntgtnac	tggaaaaatnt	nngnctnatg	cantnaaaaa	tgtacttggc	ttgctttttn	600
ncaannngnt	atttncntct	ttgggaagta	ataaaaccga	ttnaccctgt	ngaaaccggt	660
aaccaaaatt	tcntggtatt	ttaaggntct	tttttctgt	tntganggtc	ggagtctntg	720
gnnccnannt	atttttttgg	ggtttttgng	naagaatttc	ctaaaantaa	annttntntn	780
ctaccatttt	ttnananata	aantgannta	anaaaaattt	cctgcccttt	tnaaaacttt	840
nt						842

<210> 4389
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

nnnnntannn	nnntntnnnn	anntntang	atnntntntt	cnnnnncnnat	nttannattn	60
nnannctcnn	nnnttantat	annagnnnnn	nnatntntnan	gantnnnnnn	nnnnnatnan	120
nnatnnnnnn	nnncnnnnnn	nnnttttcat	ttngaaaacn	cccttaccgt	gccgcnttng	180
ccagtatccc	atcgnnncgc	aacnaccctt	acnnaaaaaac	tntaaanaaa	ntggctagca	240
acgggttntt	tcacnccgt	gtctcttnat	ntaagtttnc	taagttaaga	aaagctgggtg	300
acatattnat	acgtntttgt	gcaaaaaataa	atgaatggca	ntagnacctt	aaaanatctn	360
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	420
acttgtgagt	tnnttntctga	attaatctga	aatgtncagg	ccctggattn	gctacagagt	480
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aaatgctgca	caaatcacga	540
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaag	ggtgggatag	600
cccagcatgc	ttgtntggta	tattccag				628